

Converting Colors

HunterLab(69.5575, 5.0372,
-62.0322)

Have a look what the booklet for
HunterLab(69.5575, 5.0372,
-62.0322) contains.

HunterLab(68.0834, -3.7793, -40.5020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.0834, -3.7793,
-40.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB9FF
RGB	126, 185, 255
RGB Percent	49%, 73%, 100%
CMY	0.5059, 0.2745, 0.0000
CMYK	0.51, 0.27, 0.00, 0.00
HSL	213°, 100%, 75%
HSV	213°, 51%, 100%
XYZ	44.0031, 46.3535, 101.2356
YIQ	175.3390, -57.6340, 9.2620

Conversions

Conversions Part 2

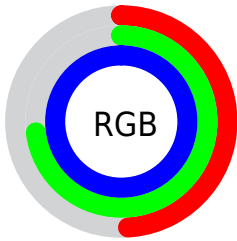
Format	Color
RYB	126, 166, 255
Decimal	8305151
CIELab	73.78, -0.16, -40.42
CIELCh	74, 40.419, 269.773
Yxy	46.3551, 0.2297, 0.2419
Android (android.graphics.Color)	4286495231 (0xFF7EB9FF)
YUV	175.3390, 39.2729, -43.2703
Hunter-Lab	68.0834, -3.7793, -40.5020

Details

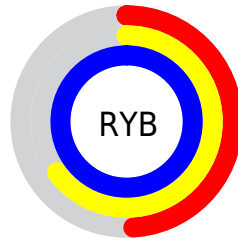
The HunterLab color **68.0834, -3.7793, -40.5020** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.8973, 8.4155, 33.9287**, and the grayscale version is **65.4758, -3.4936, 3.5574**.

A 20% lighter version of the original color is **89.6911, -18.6173, -7.5989**, and **46.5871, -2.5048, -39.3309** is the 20% darker color. If you saturate the color by 10%, you get **62.5672, -1.2073, -51.1197**, and if you desaturate by 10%, it is **73.9061, -5.4508, -30.4525**.

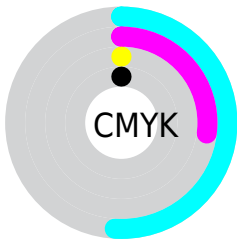
Distribution



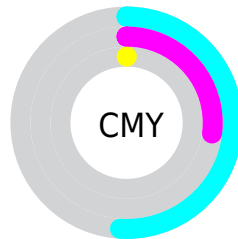
- Red (49%)
- Green (73%)
- Blue (100%)



- Red (49%)
- Yellow (65%)
- Blue (100%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0834, -3.7793, -40.5020 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 68.0834, -3.7793, -40.5020 by changing the saturation by 10% instead.

68.0834, -3.7793,
-40.5020

68.0834, -3.7793,
-40.5020

192.9338,
-10.5073, -44.8529

57.0317, -3.1810,
-39.8258

92.0599, -5.0752,
-41.7735

46.6516, -2.6178,
-39.1569

104.9214, -5.7692,
-42.3521

36.9910, -2.0924,
-38.5418

118.3318, -6.4922,
-42.8856

28.1083, -1.6078,
-38.0792

132.2693, -7.2432,
-43.3724

20.0786, -1.1676,
-37.9875

146.7147, -8.0210,
-43.8121

13.0047, -0.7769,
-38.8313

161.6508, -8.8248,

6.4650, -0.4530,

-44.2049

-47.1163

177.0619, -9.6538,
-44.5515

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 68.0834, -3.7793,
-40.5020

■ 68.0834, -3.7793,
-40.5020

■ 62.5672, -1.2073,
-51.1197

■ 73.9061, -5.4508,
-30.4525

■ 57.3944, 2.3928,
-62.3243

■ 79.9963, -6.3446,
-20.9371

■ 52.6101, 7.1317,
-74.0772

■ 86.3251, -6.5720,
-11.9006

■ 48.2571, 13.0668,
-86.2731

■ 92.8669, -6.2294,
-3.2864

■ 44.5598, 19.6344,

99.6000, -5.3981,

-98.0810

4.9603

100.0000, -5.3358,
5.4332

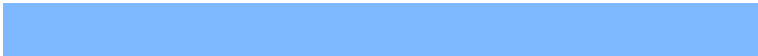
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0846, -20.9170, -33.2625



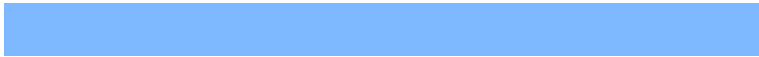
68.0834, -3.7793, -40.5020



68.0846, 15.2859, -33.4672

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0846, -3.7795, -40.4999



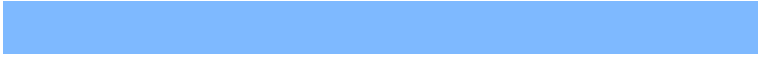
68.0846, 30.7162, 18.6829



68.0846, -32.1738, 18.8612

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.0834, -3.7793, -40.5020



78.8973, 8.4155, 33.9287

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0846, -20.6943, 27.3308



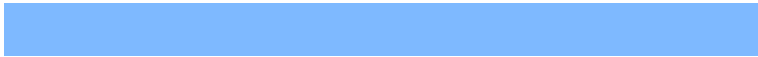
68.0834, -3.7793, -40.5020



68.0846, 15.5604, 27.2493

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.0846, -3.7795, -40.4999



68.0846, 36.4717, 3.5697



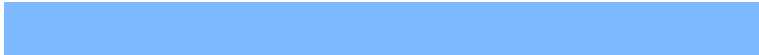
68.0846, -3.4933, 29.9296



68.0846, -36.1833, 3.8420

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0834, -3.7793, -40.5020



68.0846, 26.2617, -22.4916



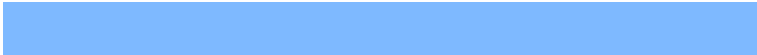
68.0846, -3.4933, 29.9296



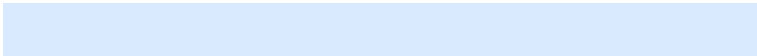
68.0846, -29.1268, 22.4036

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.0846, -3.7795, -40.4999



89.9545, -6.4454, -7.0403



89.3797, -48.1855, 20.0607



40.9799, -3.0133, -4.0989

0.0000, NaN, NaN



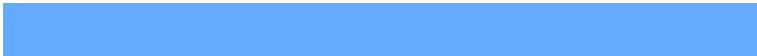
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0846, -3.7795, -40.4999



62.3459, -1.0795, -51.5721



51.8780, 28.8300, -75.6530



43.2972, -2.8507, -1.1001



32.6579, 13.2361, -69.3925



11.1971, 2.1100, -18.5502

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.9969, 52.5634, -3.4609



57.6142, 63.5545, -2.8252



96.6851, -22.9762, 47.0692



42.5738, 2.4528, 1.2720



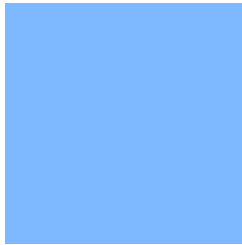
34.3579, 60.8641, 6.5024



10.8218, 19.3595, 0.5829

Previews

White Background



This preview shows how the HunterLab color 68.0834, -3.7793, -40.5020 looks on a white background.

Color Contrast Check

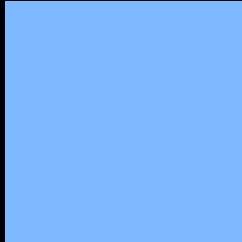
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 68.0834, -3.7793, -40.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

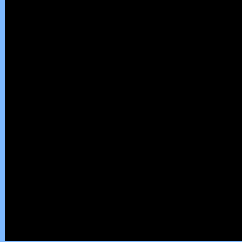
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

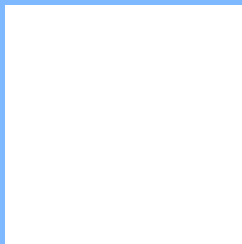
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.0834, -3.7793, -40.5020 Background



This preview shows how black text looks on a background with the HunterLab color 68.0834, -3.7793, -40.5020.



This preview shows how white text looks on a background with the HunterLab color 68.0834, -3.7793, -40.5020.

-40.5020.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.0834, -3.7793, -40.5020

Protanopia

67.9072, 5.9515, -37.0174

Deuteranopia

67.9945, 5.2005, -40.5074



Tritanopia

68.2397, -21.7045, -10.7414

Trichromacy



Original Color

68.0834, -3.7793, -40.5020

Protanomaly

68.0287, 1.9825, -38.3115

Deuteranomaly

67.9024, 1.8355, -40.7349

Tritanomaly

68.1657, -15.6954, -20.8543

Monochromacy



Original Color

68.0834, -3.7793, -40.5020

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

66.1573, -5.3583, -10.5248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0834, -3.7793, -40.5020 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 185, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 185, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0834, -3.7793, -40.5020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

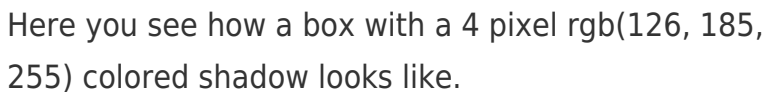
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 185, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(126, 185, 255) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(126, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 185, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 185, 255); box-shadow:4px 4px 4px 4px rgb(126, 185, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0834, -3.7793, -40.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 185, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
185, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor