

Converting Colors

HunterLab(70.3025, -6.9856,
-36.5902)

Have a look what the booklet for
HunterLab(70.3025, -6.9856,
-36.5902) contains.

HunterLab(70.3623, -6.9409, -36.4848)	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(70.3623, -6.9409,
-36.4848)**

Conversions

Conversions Part 1

Format	Color
Hex	80C0FF
RGB	128, 192, 255
RGB Percent	50%, 75%, 100%
CMY	0.4980, 0.2470, 0.0000
CMYK	0.50, 0.25, 0.00, 0.00
HSL	210°, 100%, 75%
HSV	210°, 50%, 100%
XYZ	45.8018, 49.5085, 101.7499
YIQ	180.0460, -58.3670, 6.0250

Conversions

Conversions Part 2

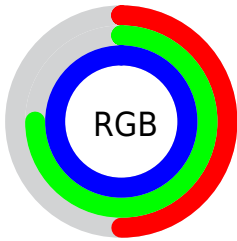
Format	Color
R _Y B	128, 171, 255
Decimal	8438015
CIE Lab	75.77, -3.55, -37.31
CIE LCh	76, 37.482, 264.569
Yxy	49.5103, 0.2324, 0.2512
Android (android.graphics.Color)	4286628095 (0xFF80C0FF)
YUV	180.0460, 36.9523, -45.6443
Hunter-Lab	70.3623, -6.9409, -36.4848

Details

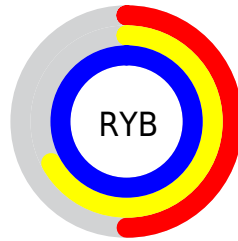
The HunterLab color **70.3623, -6.9409, -36.4848** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.5123, 11.2026, 32.3362**, and the grayscale version is **67.4469, -3.5988, 3.6645**.

A 20% lighter version of the original color is **92.0836, -21.8351, -4.5560**, and **48.7559, -5.4760, -35.0219** is the 20% darker color. If you saturate the color by 10%, you get **65.1587, -5.0570, -46.0248**, and if you desaturate by 10%, it is **75.8540, -7.9519, -27.3469**.

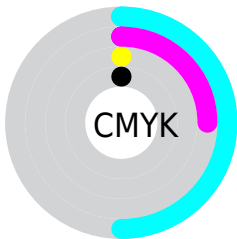
Distribution



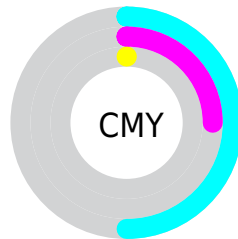
- Red (50%)
- Green (75%)
- Blue (100%)



- Red (50%)
- Yellow (67%)
- Blue (100%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3623, -6.9409, -36.4848 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 70.3623, -6.9409, -36.4848 by changing the saturation by 10% instead.

■ 70.3623, -6.9409,
-36.4848

■ 70.3623, -6.9409,
-36.4848

196.1499,
-14.9764, -40.1522

■ 59.1814, -6.1623,
-35.8524

■ 94.5774, -8.5700,
-37.6301

■ 48.6638, -5.4071,
-35.2037

■ 107.5502, -9.4191,
-38.1351

■ 38.8557, -4.6754,
-34.5684

■ 121.0672,
-10.2910, -38.5914

■ 29.8127, -3.9665,
-34.0124

135.1073,
-11.1851, -38.9986

■ 21.6060, -3.2784,
-33.6801

149.6518,
-12.1011, -39.3572

■ 14.3315, -2.6066,
-33.9355

164.6837,

■ 7.9907, -2.3612,

-13.0386, -39.6682

-36.7451

180.1877,
-13.9971, -39.9328

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.3623, -6.9409,
-36.4848

■ 70.3623, -6.9409,
-36.4848

■ 65.1587, -5.0570,
-46.0248

■ 75.8540, -7.9519,
-27.3469

■ 60.2720, -2.1893,
-55.9654

■ 81.6003, -8.1984,
-18.6029

■ 55.7370, 1.7563,
-66.2629

■ 87.5761, -7.7815,
-10.2227

■ 51.5839, 6.8292,
-76.8357

■ 93.7586, -6.7904,
-2.1722

■ 47.8115, 12.9297,

100.0000, -5.3358,

-87.6335

5.4332

■ 47.7391, 13.0559,
-87.8537

Harmonies

Analogous

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



70.3635, -22.3707, -27.8785



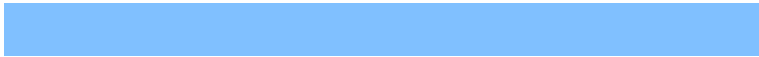
70.3623, -6.9409, -36.4848



70.3635, 10.9155, -32.3094

Triad

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



70.3635, -6.9413, -36.4826



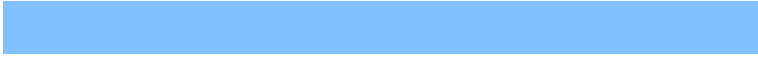
70.3635, 29.8417, 15.9742



70.3635, -29.3300, 20.0924

Complementary

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



70.3623, -6.9409, -36.4848



77.5123, 11.2026, 32.3362

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.



70.3635, -17.3200, 27.3186



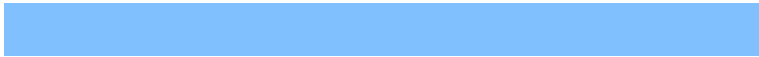
70.3623, -6.9409, -36.4848



70.3635, 17.0158, 25.3837

Square

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



70.3635, -6.9413, -36.4826



70.3635, 33.3129, 0.7058



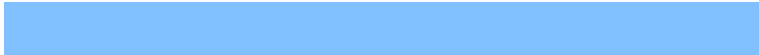
70.3635, -0.5175, 28.9845



70.3635, -34.4554, 6.8174

Rectangle

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



70.3623, -6.9409, -36.4848



70.3635, 21.6761, -23.2678



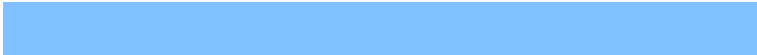
70.3635, -0.5175, 28.9845



70.3635, -26.0251, 23.1653

Sweetspot

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



70.3635, -6.9413, -36.4826



90.5202, -7.3723, -6.3182



89.3312, -48.6469, 22.0939



41.2781, -3.5011, -3.7120

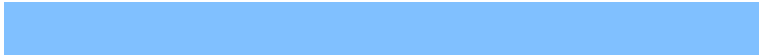
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3635, -6.9413, -36.4826



65.0585, -5.0100, -46.2182



52.7328, 26.0293, -73.4225



43.4634, -3.1242, -0.8965



34.9393, 8.5870, -62.2080



11.8623, 0.8828, -16.7326

Inverse Universe

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



63.6442, 52.6242, -6.3206



58.3280, 63.6047, -6.3515



96.4343, -20.2630, 46.5104



42.5909, 2.5445, 1.0287



34.5837, 61.6877, 3.2613



10.8931, 19.6184, -0.4310

Previews

White Background



This preview shows how the HunterLab color 70.3623, -6.9409, -36.4848 looks on a white background.

Color Contrast Check

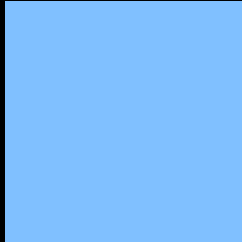
Large Text (above 18pt) WCAG AA × Fail

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 70.3623, -6.9409, -36.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

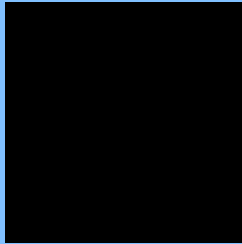
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

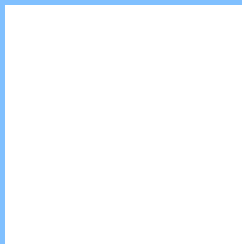
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.3623, -6.9409, -36.4848 Background



This preview shows how black text looks on a background with the HunterLab color 70.3623, -6.9409, -36.4848.



This preview shows how white text looks on a background with the HunterLab color 70.3623, -6.9409, -36.4848.

-36.4848.

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

70.3623, -6.9409, -36.4848

Protanopia

70.3174, 4.8535, -32.1534

Deuteranopia

70.2805, 5.2710, -36.4141



Tritanopia

70.2837, -22.0193, -11.3108

Trichromacy



Original Color

70.3623, -6.9409, -36.4848

Protanomaly

70.1983, 0.0204, -33.8284

Deuteranomaly

70.2424, 0.5345, -36.5638

Tritanomaly

70.1328, -16.4242, -20.3608

Monochromacy



Original Color

70.3623, -6.9409, -36.4848

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

68.0904, -6.1685, -9.5529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3623, -6.9409, -36.4848 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(128, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 192, 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(128, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 192, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3623, -6.9409, -36.4848 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(128, 192, 255) }
```


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

```
.border{ border-color:rgb(128, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 192,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3623, -6.9409, -36.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 192, 255) }
```

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

```
.background{ background-color: rgb(128,  
192, 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