

Converting Colors

HunterLab(68.7103, 14.9344,
-89.8137)

Have a look what the booklet for
HunterLab(68.7103, 14.9344,
-89.8137) contains.

HunterLab(65.2468, -2.6163, -45.8113)	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(65.2468, -2.6163,
-45.8113)**

Conversions

Conversions Part 1

Format	Color
Hex	71B2FF
RGB	113, 178, 255
RGB Percent	44%, 70%, 100%
CMY	0.5568, 0.3020, 0.0000
CMYK	0.56, 0.30, 0.00, 0.00
HSL	213°, 100%, 72%
HSV	213°, 56%, 100%
XYZ	40.7804, 42.5714, 100.6754
YIQ	167.3430, -63.4570, 10.1670

Conversions

Conversions Part 2

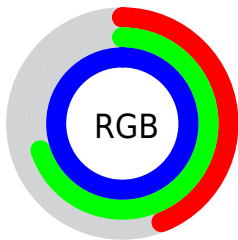
Format	Color
RYB	113, 158, 255
Decimal	7451391
CIELab	71.26, 0.98, -44.39
CIElCh	71, 44.398, 271.266
Yxy	42.5729, 0.2216, 0.2313
Android (android.graphics.Color)	4285641471 (0xFF71B2FF)
YUV	167.3430, 43.2149, -47.6588
Hunter-Lab	65.2468, -2.6163, -45.8113

Details

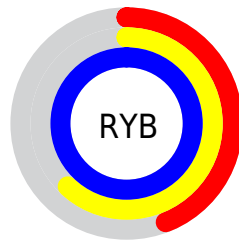
The HunterLab color **65.2468, -2.6163, -45.8113** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **76.9943, 10.4710, 35.5949**, and the grayscale version is **62.1525, -3.3163, 3.3769**.

A 20% lighter version of the original color is **86.2450, -17.5946, -12.2033**, and **44.2490, -1.6751, -44.3498** is the 20% darker color. If you saturate the color by 10%, you get **59.9034, 0.4592, -56.7187**, and if you desaturate by 10%, it is **70.9164, -4.7259, -35.4817**.

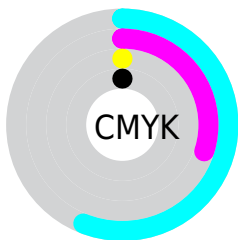
Distribution



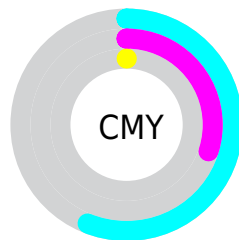
- Red (44%)
- Green (70%)
- Blue (100%)



- Red (44%)
- Yellow (62%)
- Blue (100%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.2468, -2.6163, -45.8113 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 65.2468, -2.6163, -45.8113 by changing the saturation by 10% instead.

■ 65.2468, -2.6163,
-45.8113

■ 65.2468, -2.6163,
-45.8113

188.9054, -8.8532,
-50.9424

■ 54.3600, -2.0858,
-45.1076

■ 88.9190, -3.7866,
-47.2066

■ 44.1558, -1.5951,
-44.4531

■ 101.6391, -4.4223,
-47.8662

■ 34.6846, -1.1479,
-43.9241

■ 114.9137, -5.0895,
-48.4880

■ 26.0082, -0.7484,
-43.6793

128.7208, -5.7867,
-49.0680

■ 18.2075, -0.4028,
-44.0779

143.0403, -6.5127,
-49.6039

■ 11.3946, -0.1203,
-46.0886

157.8547, -7.2664,

■ 3.7409, 0.9433,

-50.0949

-85.3370

173.1479, -8.0468,
-50.5409

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.2468, -2.6163,
-45.8113

■ 65.2468, -2.6163,
-45.8113

■ 59.9034, 0.4592,
-56.7187

■ 70.9164, -4.7259,
-35.4817

■ 54.9254, 4.6226,
-68.2001

■ 76.8708, -5.9964,
-25.7079

■ 50.3579, 9.9635,
-80.1838

■ 83.0786, -6.5457,
-16.4399

■ 46.2393, 16.4890,
-92.5291

■ 89.5117, -6.4778,
-7.6222

■ 44.5849, 19.5804,

■ 96.1467, -5.8813,

-97.9958

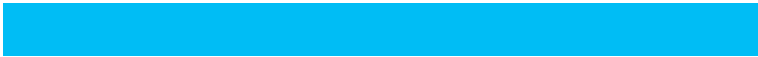
0.8012

100.0000, -5.3358,
5.4332

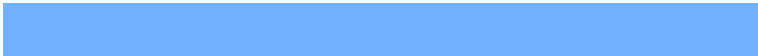
Harmonies

Analogous

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



65.2479, -21.2807, -38.3372



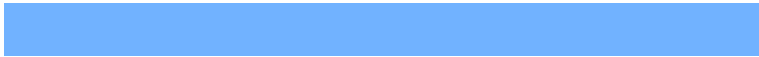
65.2468, -2.6163, -45.8113



65.2479, 18.1324, -37.0380

Triad

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



65.2479, -2.6163, -45.8093



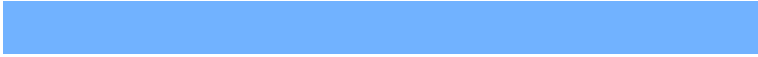
65.2479, 33.5160, 20.0928



65.2479, -34.4230, 19.0553

Complementary

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



65.2468, -2.6163, -45.8113



76.9943, 10.4710, 35.5949

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.



65.2479, -22.6095, 28.0618



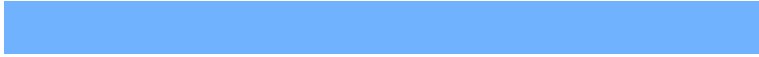
65.2468, -2.6163, -45.8113



65.2479, 16.4494, 28.5186

Square

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



65.2479, -2.6163, -45.8093



65.2479, 40.5121, 4.3705



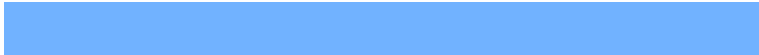
65.2479, -4.3491, 30.9153



65.2479, -38.2324, 2.7220

Rectangle

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



65.2468, -2.6163, -45.8113



65.2479, 29.9955, -24.3538



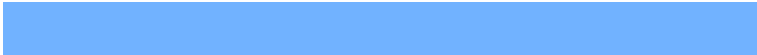
65.2479, -4.3491, 30.9153



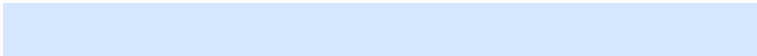
65.2479, -31.3343, 22.8409

Sweetspot

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



65.2479, -2.6163, -45.8093



88.6528, -6.5187, -8.7592



88.7096, -51.1561, 21.6893



40.4116, -3.0364, -4.8615

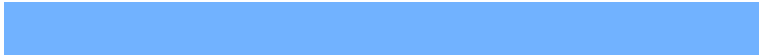
0.0000, NaN, NaN



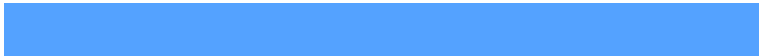
46.2646, -2.4686, 2.5136

Same Dimension

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



65.2479, -2.6163, -45.8093



59.2262, 0.9427, -58.1982



47.8175, 33.5032, -87.2548



43.2986, -2.8529, -1.0984



32.6759, 13.1980, -69.3327



11.2024, 2.0999, -18.5351

Inverse Universe

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



60.2380, 58.1011, -3.3223



54.9957, 69.2081, -1.9302



96.4810, -24.0504, 49.4282



42.5739, 2.4535, 1.2701



34.3596, 60.8704, 6.4775



10.8223, 19.3615, 0.5751

Previews

White Background



This preview shows how the HunterLab color 65.2468, -2.6163, -45.8113 looks on a white background.

Color Contrast Check

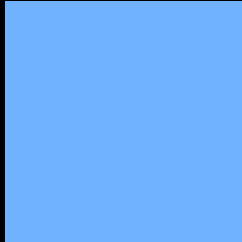
Large Text (above 18pt) WCAG AA × Fail

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 65.2468, -2.6163, -45.8113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

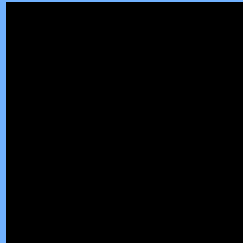
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

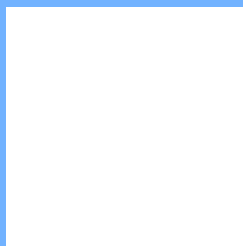
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.2468, -2.6163, -45.8113 Background



This preview shows how black text looks on a background with the HunterLab color 65.2468, -2.6163, -45.8113.



This preview shows how white text looks on a background with the HunterLab color 65.2468, -2.6163, -45.8113.

-45.8113.

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

65.2468, -2.6163, -45.8113

Protanopia

65.0807, 6.9440, -41.4242

Deuteranopia

65.2657, 5.1421, -45.6391



Tritanopia

65.2728, -23.2258, -11.5070

Trichromacy



Original Color

65.2468, -2.6163, -45.8113

Protanomaly

65.1701, 2.9126, -42.8236

Deuteranomaly

65.2884, 2.1761, -45.6471

Tritanomaly

65.0109, -16.0752, -23.2478

Monochromacy



Original Color

65.2468, -2.6163, -45.8113

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.8111, -5.0428, -12.3882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2468, -2.6163, -45.8113 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(113, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 178, 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(113, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 178, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2468, -2.6163, -45.8113 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(113, 178, 255) }
```


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

```
.border{ border-color:rgb(113, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 178,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2468, -2.6163, -45.8113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 178, 255) }
```

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

```
.background{ background-color: rgb(113,  
178, 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