

Converting Colors

HunterLab(50.1006, 8.7684,
-80.9353)

Have a look what the booklet for
HunterLab(50.1006, 8.7684,
-80.9353) contains.

HunterLab(50.1691, 8.6545, -80.7422)	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>	30

Color

**HunterLab(50.1691, 8.6545,
-80.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	0989FF
RGB	9, 137, 255
RGB Percent	4%, 54%, 100%
CMY	0.9644, 0.4627, 0.0000
CMYK	0.96, 0.46, 0.00, 0.00
HSL	209°, 100%, 52%
HSV	209°, 96%, 100%
XYZ	27.1083, 25.1694, 98.0371
YIQ	112.1800, -114.1660, 9.5620

Conversions

Conversions Part 2

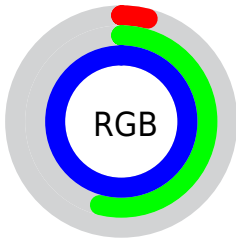
Format	Color
R _Y B	9, 93, 255
Decimal	625151
CIE Lab	57.24, 13.43, -66.85
CIE LCh	57, 68.185, 281.363
Yxy	25.1700, 0.1803, 0.1674
Android (android.graphics.Color)	4278815231 (0xFF0989FF)
YUV	112.1800, 70.4103, -90.4889
Hunter-Lab	50.1691, 8.6545, -80.7422

Details

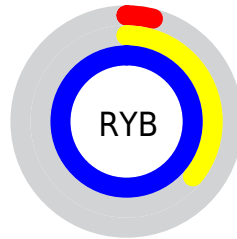
The HunterLab color **50.1691, 8.6545, -80.7422** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **60.3970, 38.7933, 37.6397**, and the grayscale version is **40.1007, -2.1397, 2.1787**.

A 20% lighter version of the original color is **69.0104, -8.5037, -38.9069**, and **33.1823, 14.9170, -73.6765** is the 20% darker color. If you saturate the color by 10%, you get **48.8859, 10.8060, -84.4302**, and if you desaturate by 10%, it is **53.9811, 3.1262, -70.5946**.

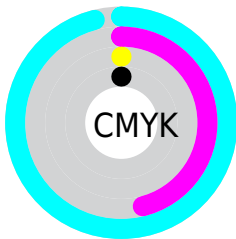
Distribution



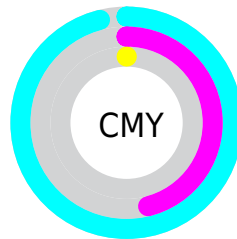
- Red (4%)
- Green (54%)
- Blue (100%)



- Red (4%)
- Yellow (36%)
- Blue (100%)



- Cyan (96%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1691, 8.6545, -80.7422 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 50.1691, 8.6545, -80.7422 by changing the saturation by 10% instead.

■ 50.1691, 8.6545,
-80.7422

■ 50.1691, 8.6545,
-80.7422

166.9382, 7.6182,
-87.3874

■ 40.2539, 8.4532,
-80.8973

■ 72.0645, 8.8260,
-81.5919

■ 31.0942, 8.1569,
-81.8522

■ 83.9633, 8.8102,
-82.3046

■ 22.7590, 7.7502,
-84.3137

■ 96.4533, 8.7354,
-83.1061

■ 15.3398, 7.2091,
-89.9509

■ 109.5076, 8.6063,
-83.9546

■ 8.9532, 6.5618,
-103.8964

■ 123.1030, 8.4270,
-84.8226

0.0000, INF, -NF

0.0000, NaN, -NF

137.2185, 8.2006,

-85.6917

0.0000, NaN, -NF

151.8358, 7.9302,
-86.5495

0.0000, NaN, -NF

■ 50.1691, 8.6545,
-80.7422

■ 50.1691, 8.6545,
-80.7422

■ 48.8859, 10.8060,
-84.4302

■ 53.9811, 3.1262,
-70.5946

■ 58.1703, -1.3161,
-60.6077

■ 62.7194, -4.6609,
-50.8689

■ 67.6002, -6.9711,
-41.4446

■ 72.7818, -8.3424,
-32.3682

■ 78.2347, -8.8805,
-23.6459

■ 83.9316, -8.6887,
-15.2656

■ 89.8485, -7.8615,
-7.2040

■ 95.9642, -6.4823,
0.5673

Harmonies

Analogous

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



50.1698, -19.1162, -76.7574



50.1691, 8.6545, -80.7422



50.1698, 39.2162, -54.7600

Triad

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



50.1698, 8.6558, -80.7404



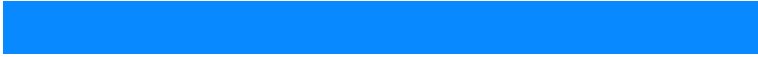
50.1698, 45.7872, 26.5015



50.1698, -44.9741, 16.7704

Complementary

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



50.1691, 8.6545, -80.7422



60.3970, 38.7933, 37.6397

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.



50.1698, -34.1715, 28.3055



50.1691, 8.6545, -80.7422



50.1698, 16.1900, 31.3468

Square

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



50.1698, 8.6558, -80.7404



50.1698, 63.6498, 12.0071



50.1698, -13.0902, 31.7429



50.1698, -46.1095, -8.7448

Rectangle

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



50.1691, 8.6545, -80.7422



50.1698, 55.4823, -29.4816



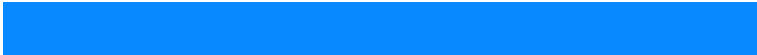
50.1698, -13.0902, 31.7429



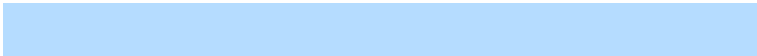
50.1698, -42.4893, 21.9296

Sweetspot

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



50.1698, 8.6558, -80.7404



82.4519, -8.8019, -17.3787



85.4575, -67.0412, 38.2917



37.0202, -4.1148, -9.6919

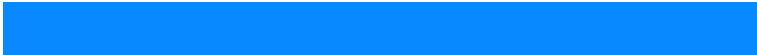
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1698, 8.6558, -80.7404



48.8859, 10.8060, -84.4302



27.7272, 69.7275, -183.9969



43.5214, -3.2195, -0.8255



35.7608, 6.9970, -59.8024



12.0997, 0.4624, -16.1218

Inverse Universe

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



48.2319, 85.2935, 2.1202



47.8996, 85.5444, 3.7044



93.6380, -21.8676, 57.1514



42.5968, 2.5766, 0.9436



34.6684, 61.9959, 2.0516



10.9194, 19.7137, -0.8035

Previews

White Background



This preview shows how the HunterLab color 50.1691, 8.6545, -80.7422 looks on a white background.

Color Contrast Check

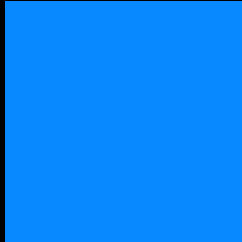
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1691, 8.6545, -80.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

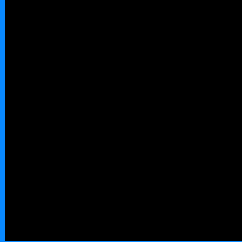
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

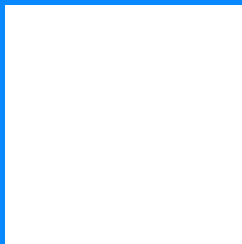
Any Text WCAG AAA × Fail

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

HunterLab 50.1691, 8.6545, -80.7422 Background



This preview shows how black text looks on a background with the HunterLab color 50.1691, 8.6545, -80.7422.



This preview shows how white text looks on a background with the HunterLab color 50.1691, 8.6545, -80.7422.

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

50.1691, 8.6545, -80.7422

Protanopia

49.9824, 14.5513, -76.2307

Deuteranopia

50.0578, 4.0921, -71.4015

Trichromacy



Original Color

50.1691, 8.6545, -80.7422

Protanomaly

49.8082, 11.4317, -78.7357

Deuteranomaly

50.0359, 5.9931, -75.2615

Monochromacy



Original Color

50.1691, 8.6545, -80.7422

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.2504, -4.4828, -23.3307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1691, 8.6545, -80.7422 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(9, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(9, 137, 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(9, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 137, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1691, 8.6545, -80.7422 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(9, 137, 255) }
```

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

```
.border{ border-color:rgb(9, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(9, 137,  
255) }
```


Background

The CSS property to change the background color of an element to HunterLab 50.1691, 8.6545, -80.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 137, 255) }
```

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

```
.background{ background-color: rgb(9, 137,  
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