

Converting Colors

HunterLab(50.0624, 5.1140,
-73.6132)

Have a look what the booklet for
HunterLab(50.0624, 5.1140,
-73.6132) contains.

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Color

**HunterLab(50.1803, 4.7460,
-72.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	008BF7
RGB	0, 139, 247
RGB Percent	0%, 55%, 97%
CMY	0.9997, 0.4549, 0.0314
CMYK	1.00, 0.44, 0.00, 0.03
HSL	206°, 100%, 48%
HSV	206°, 100%, 97%
XYZ	26.0211, 25.1806, 91.4846
YIQ	109.7510, -117.5120, 4.1200

Conversions

Conversions Part 2

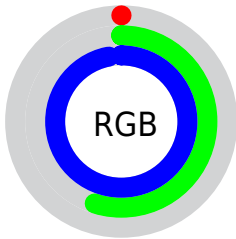
Format	Color
R _{YB}	0, 89, 247
Decimal	35831
CIE _{Lab}	57.25, 8.93, -62.43
CIE _{LCh}	57, 63.063, 278.138
Y _{xy}	25.1813, 0.1824, 0.1765
Android (android.graphics.Color)	4278225911 (0xFF008BF7)
Y _{UV}	109.7510, 67.6638, -96.2516
Hunter-Lab	50.1803, 4.7460, -72.9664

Details

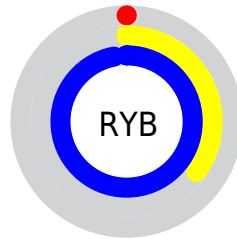
The HunterLab color **50.1803, 4.7460, -72.9664** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **55.2396, 44.6332, 34.8176**, and the grayscale version is **39.1825, -2.0907, 2.1289**.

A 20% lighter version of the original color is **69.4509, -10.1739, -38.1491**, and **33.2115, 11.4838, -66.3018** is the 20% darker color. If you saturate the color by 10%, you get **50.1719, 4.7617, -72.9895**, and if you desaturate by 10%, it is **53.5437, -0.1609, -64.4494**.

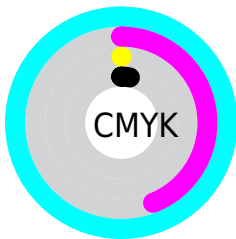
Distribution



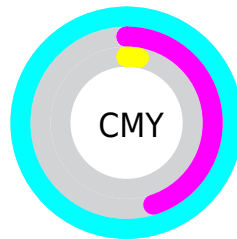
- Red (0%)
- Green (55%)
- Blue (97%)



- Red (0%)
- Yellow (35%)
- Blue (97%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1803, 4.7460, -72.9664 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 50.1803, 4.7460, -72.9664 by changing the saturation by 10% instead.

■ 50.1803, 4.7460,
-72.9664

■ 50.1803, 4.7460,
-72.9664

166.9550, 2.0008,
-79.7094

■ 40.2644, 4.7821,
-72.8775

■ 72.0772, 4.4805,
-74.0476

■ 31.1038, 4.7385,
-73.4279

■ 83.9767, 4.2615,
-74.8010

■ 22.7676, 4.6030,
-75.1995

■ 96.4673, 3.9920,
-75.6130

■ 15.3474, 4.3551,
-79.5669

■ 109.5222, 3.6759,
-76.4501

■ 8.9599, 4.0186,
-90.7643

■ 123.1182, 3.3162,
-77.2903

0.0000, NaN, -NF

0.0000, NaN, -NF

137.2343, 2.9156,

-78.1195

0.0000, NaN, -NF

151.8521, 2.4765,
-78.9280

0.0000, NaN, -NF

■ 50.1803, 4.7460,
-72.9664

■ 50.1803, 4.7460,
-72.9664

■ 50.1719, 4.7617,
-72.9895

■ 53.5437, -0.1609,
-64.4494

■ 57.2125, -4.1701,
-56.0106

■ 61.2037, -7.1695,
-47.6570

■ 65.5010, -9.1868,
-39.4515

■ 70.0824, -10.2905,
-31.4409

■ 74.9241, -10.5671,
-23.6516

■ 80.0030, -10.1072,
-16.0933

■ 85.2976, -8.9978,
-8.7634

■ 90.7886, -7.3183,
-1.6511

Harmonies

Analogous

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



50.1810, -20.2982, -66.4013



50.1803, 4.7460, -72.9664



50.1810, 32.8691, -52.3886

Triad

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



50.1810, 4.7474, -72.9652



50.1810, 44.0759, 24.4087



50.1810, -41.7909, 17.6500

Complementary

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



50.1803, 4.7460, -72.9664



55.2396, 44.6332, 34.8176

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.



50.1810, -30.4579, 27.8720



50.1803, 4.7460, -72.9664



50.1810, 17.7633, 30.1219

Square

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



50.1810, 4.7474, -72.9652



50.1810, 58.4620, 9.1270



50.1810, -9.6995, 30.9372



50.1810, -43.8530, -4.6351

Rectangle

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



50.1803, 4.7460, -72.9664



50.1810, 48.4119, -30.2300



50.1810, -9.6995, 30.9372



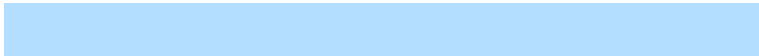
50.1810, -39.0727, 22.1890

Sweetspot

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



50.1810, 4.7474, -72.9652



82.9117, -10.4865, -16.7476



82.2104, -65.8776, 39.4581



37.3169, -4.9840, -9.2663

0.0000, NaN, NaN



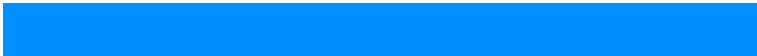
46.2646, -2.4686, 2.5136

Same Dimension

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



50.1810, 4.7474, -72.9652



51.9680, 5.0361, -75.8269



26.6503, 67.1098, -178.1720



41.8017, -3.3154, -0.6002



36.8790, 2.7564, -52.0458



11.8312, -0.7264, -13.2199

Inverse Universe

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



46.5187, 83.6635, -1.0032



48.2260, 86.7303, -0.9440



87.5605, -17.0420, 53.6546



40.7906, 2.5257, 0.6961



33.8709, 60.9999, -1.3301



10.1437, 18.4537, -1.8358

Previews

White Background



This preview shows how the HunterLab color 50.1803, 4.7460, -72.9664 looks on a white background.

Color Contrast Check

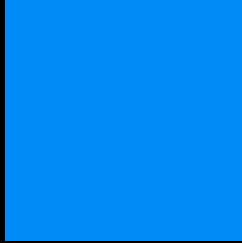
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1803, 4.7460, -72.9664 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

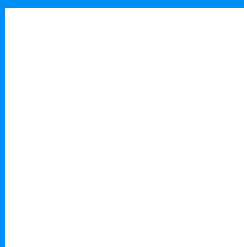
Any Text WCAG AAA × Fail

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

HunterLab 50.1803, 4.7460, -72.9664 Background



This preview shows how black text looks on a background with the HunterLab color 50.1803, 4.7460, -72.9664.



This preview shows how white text looks on a background with the HunterLab color 50.1803, 4.7460, -72.9664.

-72.9664.

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

50.1803, 4.7460, -72.9664

Protanopia

50.1519, 12.5860, -67.2585

Deuteranopia

50.1803, 4.7460, -72.9664



Tritanopia

50.0651, -24.3293, -10.0569

Trichromacy



Original Color

50.1803, 4.7460, -72.9664

Protanomaly

49.6097, 8.2343, -70.6264

Deuteranomaly

50.1803, 4.7460, -72.9664

Tritanomaly

49.7169, -14.9849, -29.7938

Monochromacy



Original Color

50.1803, 4.7460, -72.9664

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

41.8508, -6.2405, -21.4371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1803, 4.7460, -72.9664 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(0, 139, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 247)  
}
```

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(0, 139, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1803, 4.7460, -72.9664 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(0, 139, 247) }
```


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

```
.border{ border-color:rgb(0, 139, 247) }
```

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

Here you see how a box with a 4 pixel rgb(0, 139, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1803, 4.7460, -72.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 247) }
```

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

```
.background{ background-color: rgb(0, 139,  
247) }
```

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](#).

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