

Converting Colors

HunterLab(21.0235, 55.9187,
-146.9848)

Have a look what the booklet for
HunterLab(21.0235, 55.9187,
-146.9848) contains.

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Color

**HunterLab(21.0351, 55.9525,
-147.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	0003CC
RGB	0, 3, 204
RGB Percent	0%, 1%, 80%
CMY	0.9998, 0.9883, 0.2000
CMYK	1.00, 0.99, 0.00, 0.20
HSL	239°, 100%, 40%
HSV	239°, 100%, 80%
XYZ	10.9316, 4.4248, 57.4046
YIQ	25.0170, -66.3090, 61.8750

Conversions

Conversions Part 2

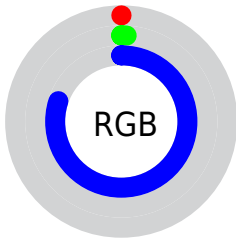
Format	Color
RYB	0, 3, 204
Decimal	972
CIELab	25.03, 66.31, -90.83
CIELCh	25, 112.461, 306.132
Yxy	4.4247, 0.1502, 0.0608
Android (android.graphics.Color)	4278191052 (0xFF0003CC)
YUV	25.0170, 88.2386, -21.9399
Hunter-Lab	21.0351, 55.9525, -147.0774

Details

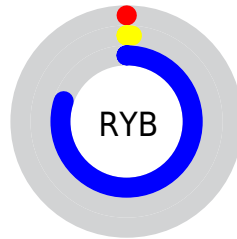
The HunterLab color **21.0351, 55.9525, -147.0774** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **73.9188, -18.7514, 45.2191**, and the grayscale version is **9.6220, -0.5134, 0.5228**.

A 20% lighter version of the original color is **37.5030, 57.5684, -125.4521**, and **14.6223, 39.6630, -103.8977** is the 20% darker color. If you saturate the color by 10%, you get **21.0320, 55.9664, -147.1036**, and if you desaturate by 10%, it is **22.6484, 51.0402, -134.7004**.

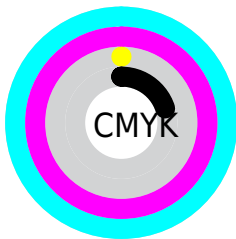
Distribution



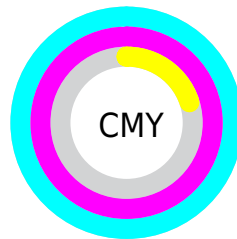
- Red (0%)
- Green (1%)
- Blue (80%)



- Red (0%)
- Yellow (1%)
- Blue (80%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (99%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0351, 55.9525, -147.0774 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 21.0351, 55.9525, -147.0774 by changing the saturation by 10% instead.

■ 21.0351, 55.9525,
-147.0774

■ 21.0351, 55.9525,
-147.0774

■ 120.0500, 74.0835,
-129.5673

■ 13.8343, 54.3437,
-165.6830

■ 38.1604, 60.3036,
-132.6384

■ 7.4612, 57.2766,
-216.7717

■ 47.9141, 62.5290,
-129.8866

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.3809, 64.6886,
-128.4859

0.0000, NaN, -NF

■ 69.5152, 66.7599,
-127.9234

0.0000, NaN, -NF


■ 81.2792, 68.7349,
-127.9024


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.6409, 70.6124,


-128.2409


 106.5725, 72.3941,
-128.8219


 21.0351, 55.9525,
-147.0774


 21.0351, 55.9525,
-147.0774


 21.0320, 55.9664,
-147.1036

 22.6484, 51.0402,
-134.7004

 25.6320, 43.4365,
-115.5870

 29.9136, 34.9698,
-94.1833

 35.1951, 27.0257,
-74.0765

 41.2194, 20.0425,
-56.4213

■ 47.8021, 13.9897,
-41.1554

■ 54.8175, 8.7002,
-27.8572

■ 62.1801, 4.0020,
-16.0866

■ 69.8300, -0.2468,
-5.4797

Harmonies

Analogous

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



21.0350, 6.6542, -218.6757



21.0351, 55.9525, -147.0774



21.0350, 104.3637, -45.5348

Triad

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



21.0350, 55.9567, -147.0784



21.0350, 34.1222, 14.7245



21.0350, -36.8113, -7.0145

Complementary

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



21.0351, 55.9525, -147.0774



73.9188, -18.7514, 45.2191

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.



21.0350, -35.7675, 14.7245



21.0351, 55.9525, -147.0774



21.0350, -7.9132, 14.7245

Square

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



21.0350, 55.9567, -147.0784



21.0350, 86.9433, 14.7245



21.0350, -28.0972, 14.7245



21.0350, -33.2790, -84.0300

Rectangle

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



21.0351, 55.9525, -147.0774



21.0350, 119.0194, -3.7095



21.0350, -28.0972, 14.7245



21.0350, -36.8113, 5.0623

Sweetspot

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



21.0350, 55.9567, -147.0784



70.1614, 11.4614, -36.5146



68.8364, -37.2528, -5.6189



30.6519, 6.6055, -20.1663

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



21.0350, 55.9567, -147.0784



27.0180, 72.2328, -189.7000



26.4427, 61.7608, -110.7152



32.9688, -0.2263, -2.2949



16.7208, 44.2484, -116.4192



3.9182, 9.5382, -25.4877

Inverse Universe

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



35.8399, 61.3879, 23.0173



46.1173, 78.9947, 29.6646



67.9815, -46.8429, 41.0687



33.4907, 1.1857, 2.7540



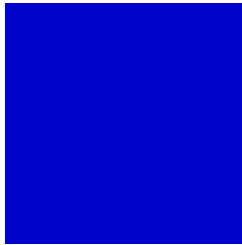
28.4345, 48.7134, 18.2311



6.4656, 11.0913, 4.0332

Previews

White Background



This preview shows how the HunterLab color 21.0351, 55.9525, -147.0774 looks on a white background.

Color Contrast Check

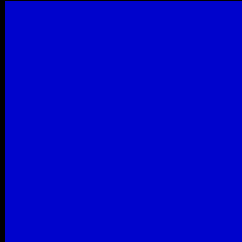
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.0351, 55.9525, -147.0774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

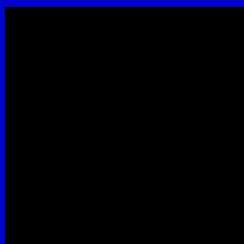
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 21.0351, 55.9525, -147.0774 Background



This preview shows how black text looks on a background with the HunterLab color 21.0351, 55.9525, -147.0774.



This preview shows how white text looks on a background with the HunterLab color 21.0351, 55.9525, -147.0774.

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

21.0351, 55.9525, -147.0774

Protanopia

21.7080, 5.7357, -39.5150

Deuteranopia

21.6965, -1.4824, -23.9187



Tritanopia

21.7350, -10.9528, -3.5229

Trichromacy



Original Color

21.0351, 55.9525, -147.0774

Protanomaly

19.4528, 26.1363, -80.7351

Deuteranomaly

18.9972, 20.4111, -67.8066

Tritanomaly

17.9801, 11.5072, -47.3142

Monochromacy



Original Color

21.0351, 55.9525, -147.0774

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

11.1769, 16.5269, -44.1348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0351, 55.9525, -147.0774 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, 3, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 3, 204)  
}
```

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, 3, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 3, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0351, 55.9525, -147.0774 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, 3, 204) }
```


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

```
.border{ border-color:rgb(0, 3, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 3, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 3, 204); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 3, 204); box-shadow:4px  
4px 4px 4px rgb(0, 3, 204) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0351, 55.9525, -147.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 3, 204) }
```

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

```
.background{ background-color: rgb(0, 3,  
204) }
```

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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