

Converting Colors

HunterLab(21.2813, 57.1426,
-146.7915)

Have a look what the booklet for
HunterLab(21.2813, 57.1426,
-146.7915) contains.

HunterLab(21.2766, 57.1528, -146.8377)	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(21.2766, 57.1528,
-146.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	1100CD
RGB	17, 0, 205
RGB Percent	7%, 0%, 80%
CMY	0.9332, 1.0000, 0.1961
CMYK	0.92, 1.00, 0.00, 0.20
HSL	245°, 100%, 40%
HSV	245°, 100%, 80%
XYZ	11.2506, 4.5269, 58.0383
YIQ	28.4530, -55.6730, 67.3590

Conversions

Conversions Part 2

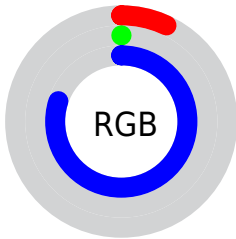
Format	Color
R_{YB}	17, 0, 205
Decimal	1114317
CIE _{Lab}	25.34, 67.30, -90.88
CIE _{LCh}	25, 113.087, 306.521
Yxy	4.5273, 0.1524, 0.0613
Android (android.graphics.Color)	4279304397 (0xFF1100CD)
YUV	28.4530, 87.0377, -10.0443
Hunter-Lab	21.2766, 57.1528, -146.8377

Details

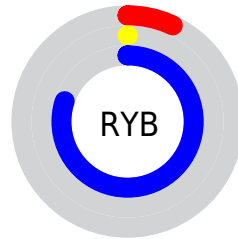
The HunterLab color **21.2766, 57.1528, -146.8377** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **73.7224, -25.9603, 44.9729**, and the grayscale version is **10.6714, -0.5694, 0.5798**.

A 20% lighter version of the original color is **37.6853, 58.6888, -124.5969**, and **14.7307, 39.9569, -104.6676** is the 20% darker color. If you saturate the color by 10%, you get **21.2774, 57.1533, -146.8321**, and if you desaturate by 10%, it is **23.0172, 52.7817, -133.6707**.

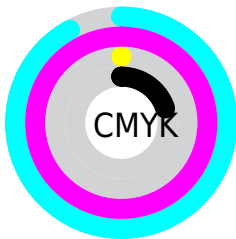
Distribution



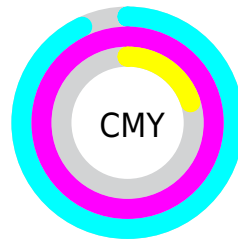
- Red (7%)
- Green (0%)
- Blue (80%)



- Red (7%)
- Yellow (0%)
- Blue (80%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2766, 57.1528, -146.8377 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 21.2766, 57.1528, -146.8377 by changing the saturation by 10% instead.

■ 21.2766, 57.1528,
-146.8377

■ 21.2766, 57.1528,
-146.8377

■ 120.4825, 75.4727,
-129.6943

■ 14.0451, 55.5464,
-165.0384

■ 38.4558, 61.5216,
-132.6455

■ 7.6910, 57.8754,
-213.0042

■ 48.2326, 63.7666,
-129.9406

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.7211, 65.9487,
-128.5679

0.0000, NaN, -NF

■ 69.8758, 68.0443,
-128.0229

0.0000, NaN, -NF

■ 81.6591, 70.0449,
-128.0133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0390, 71.9484,

-128.3593

106.9882, 73.7567,
-128.9454

21.2766, 57.1528,
-146.8377

21.2766, 57.1528,
-146.8377

21.2774, 57.1533,
-146.8321

23.0172, 52.7817,
-133.6707

26.0679, 45.9153,
-114.4998

30.3841, 37.8565,
-93.3201

35.6778, 29.9834,
-73.4735

41.7010, 22.8108,
-56.0241

■ 48.2750, 16.3872,
-40.9026

■ 55.2776, 10.6031,
-27.7027

■ 62.6248, 5.3236,
-15.9998

■ 70.2578, 0.4307,
-5.4413

Harmonies

Analogous

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



21.2774, 7.2446, -219.9659



21.2766, 57.1528, -146.8377



21.2774, 105.7063, -44.8201

Triad

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



21.2774, 57.1533, -146.8321



21.2774, 33.7502, 14.8942



21.2774, -37.2354, -7.6846

Complementary

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



21.2766, 57.1528, -146.8377



73.7224, -25.9603, 44.9729

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.



21.2774, -36.1062, 14.8942



21.2766, 57.1528, -146.8377



21.2774, -8.3925, 14.8942

Square

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



21.2774, 57.1533, -146.8321



21.2774, 87.0475, 14.8942



21.2774, -28.5342, 14.8942



21.2774, -33.4760, -86.0423

Rectangle

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



21.2766, 57.1528, -146.8377



21.2774, 120.0876, -3.2030



21.2774, -28.5342, 14.8942



21.2774, -37.2354, 4.7556

Sweetspot

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



21.2774, 57.1533, -146.8321



70.3964, 13.8398, -36.0613



64.6645, -31.1153, -13.6560



30.7742, 7.8293, -19.9138

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



21.2774, 57.1533, -146.8321



27.1689, 73.1012, -188.4391



28.5171, 64.2925, -101.3868



32.9967, 0.0671, -2.2535



16.8391, 45.1324, -115.4347



4.0258, 10.4105, -24.6560

Inverse Universe

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



40.7536, 78.6974, -42.7001



52.1438, 100.6695, -54.4567



67.6597, -49.9821, 40.8166



33.7447, 2.5497, -0.8632



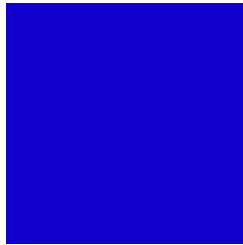
32.1656, 62.1301, -33.8307



7.3390, 14.2276, -8.1200

Previews

White Background



This preview shows how the HunterLab color 21.2766, 57.1528, -146.8377 looks on a white background.

Color Contrast Check

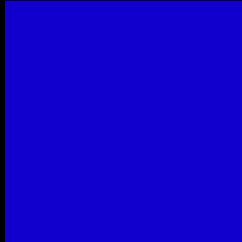
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2766, 57.1528, -146.8377 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 21.2766, 57.1528, -146.8377 Background



This preview shows how black text looks on a background with the HunterLab color 21.2766, 57.1528, -146.8377.



This preview shows how white text looks on a background with the HunterLab color 21.2766, 57.1528, -146.8377.

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

21.2766, 57.1528, -146.8377

Protanopia

21.7671, 6.0403, -40.2463

Deuteranopia

21.7447, -1.2180, -24.5497



Tritanopia

21.7350, -10.9528, -3.5229

Trichromacy



Original Color

21.2766, 57.1528, -146.8377

Protanomaly

19.4718, 27.2030, -81.9493

Deuteranomaly

18.9941, 21.5107, -69.0363

Tritanomaly

17.8778, 12.3056, -47.6986

Monochromacy



Original Color

21.2766, 57.1528, -146.8377

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.8301, 17.3926, -43.1514

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2766, 57.1528, -146.8377 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(17, 0, 205)` looks like.

```
.text, #text, p{  
    color:rgb(17, 0, 205)  
}
```

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(17, 0, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 0, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2766, 57.1528, -146.8377 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(17, 0, 205) }
```


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

```
.border{ border-color:rgb(17, 0, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 0, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 0, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 0, 205);  
box-shadow:4px 4px 4px 4px rgb(17, 0, 205)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2766, 57.1528, -146.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 0, 205) }
```

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

```
.background{ background-color: rgb(17, 0,  
205) }
```

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