

Converting Colors

HunterLab(20.5871, 55.8423,
-146.2793)

Have a look what the booklet for
HunterLab(20.5871, 55.8423,
-146.2793) contains.

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Color

**HunterLab(20.5354, 55.7024,
-145.9130)**

Conversions

Conversions Part 1	
Format	Color
Hex	0000C9
RGB	0, 0, 201
RGB Percent	0%, 0%, 79%
CMY	0.9998, 1.0000, 0.2118
CMYK	1.00, 1.00, 0.00, 0.21
HSL	240°, 100%, 39%
HSV	240°, 100%, 79%
XYZ	10.5426, 4.2170, 55.5165
YIQ	22.9140, -64.5210, 62.5110

Conversions

Conversions Part 2

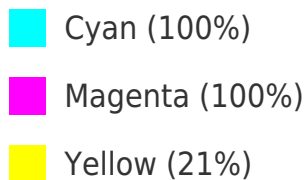
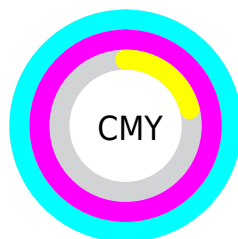
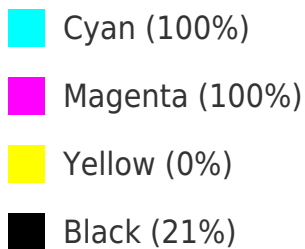
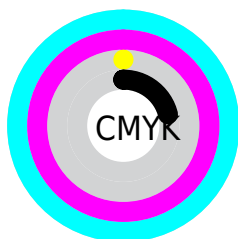
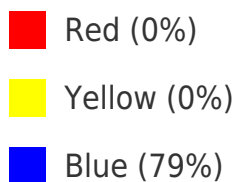
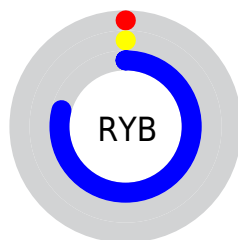
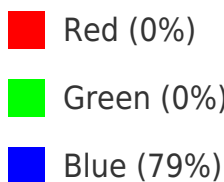
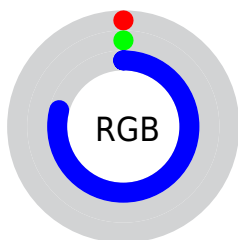
Format	Color
RYB	0, 0, 201
Decimal	201
CIELab	24.38, 66.20, -90.16
CIELCh	24, 111.856, 306.288
Yxy	4.2173, 0.1500, 0.0600
Android (android.graphics.Color)	4278190281 (0xFF0000C9)
YUV	22.9140, 87.7964, -20.0956
Hunter-Lab	20.5354, 55.7024, -145.9130

Details

The HunterLab color **20.5354, 55.7024, -145.9130** 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 **73.6103, -19.7877, 45.0119**, and the grayscale version is **8.9940, -0.4799, 0.4887**.

A 20% lighter version of the original color is **37.2011, 58.5556, -126.8349**, and **14.2980, 38.7834, -101.5935** is the 20% darker color. If you saturate the color by 10%, you get **20.5362, 55.7029, -145.9072**, and if you desaturate by 10%, it is **22.0706, 51.0359, -133.9521**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5354, 55.7024, -145.9130 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 20.5354, 55.7024, -145.9130 by changing the saturation by 10% instead.


 20.5354, 55.7024, -145.9130	 20.5354, 55.7024, -145.9130
 119.1560, 73.8265, -128.1654	 13.4010, 54.1444, -164.9995
 37.5512, 60.0290, -131.2522	 6.9613, 59.0752, -223.1452
 47.2566, 62.2550, -128.4812	0.0000, INF, -NF
 57.6784, 64.4170, -127.0757	0.0000, NaN, -NF
 68.7705, 66.4913, -126.5139	0.0000, NaN, -NF
 80.4945, 68.4695, -126.4953	0.0000, NaN, -NF
 92.8181, 70.3500,	0.0000, NaN, NaN


-126.8362


0.0000, NaN, NaN


 105.7134, 72.1345,
-127.4190


 20.5354, 55.7024,
-145.9130

 20.5354, 55.7024,
-145.9130


 20.5362, 55.7029,
-145.9072

 22.0706, 51.0359,
-133.9521

 24.9078, 43.7874,
-115.4211

 29.0711, 35.4420,
-94.1645

 34.2596, 27.4994,
-74.0385

 40.2080, 20.4727,
-56.3487

■ 46.7249, 14.3606,
-41.0752

■ 53.6806, 9.0050,
-27.7973

■ 60.9870, 4.2356,
-16.0667

■ 68.5831, -0.0891,
-5.5118

Harmonies

Analogous

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



20.5362, 6.7907, -217.8578



20.5354, 55.7024, -145.9130



20.5362, 103.7026, -44.7627

Triad

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



20.5362, 55.7029, -145.9072



20.5362, 33.5022, 14.3753



20.5362, -35.9383, -7.1851

Complementary

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



20.5354, 55.7024, -145.9130



73.6103, -19.7877, 45.0119

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.



20.5362, -35.3735, 14.3753



20.5354, 55.7024, -145.9130



20.5362, -7.9486, 14.3753

Square

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



20.5362, 55.7029, -145.9072



20.5362, 85.9489, 14.3753



20.5362, -27.6498, 14.3753



20.5362, -32.7741, -84.0705

Rectangle

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



20.5354, 55.7024, -145.9130



20.5362, 118.1267, -3.4650



20.5362, -27.6498, 14.3753



20.5362, -35.9383, 4.8399

Sweetspot

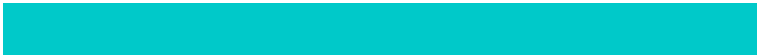
The Sweet Spot groups the original color and five complimentary colors.



20.5362, 55.7029, -145.9072



69.8472, 12.0603, -37.0573



67.8162, -35.9529, -7.1524



30.4897, 6.9234, -20.4691

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



20.5362, 55.7029, -145.9072



26.8707, 72.8855, -190.9174



26.3723, 61.1533, -106.9104



32.0743, -0.1612, -2.2685



16.2842, 44.1695, -115.6951



3.5440, 9.6117, -25.1706

Inverse Universe

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



40.7829, 80.1768, -53.7607



53.3633, 104.9089, -70.3438



66.7168, -46.6627, 40.2936



32.8886, 2.5972, -1.1720



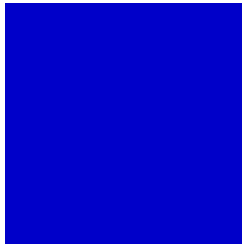
32.3387, 63.5759, -42.6297



7.0370, 13.8345, -9.2775

Previews

White Background



This preview shows how the HunterLab color 20.5354, 55.7024, -145.9130 looks on a white background.

Color Contrast Check

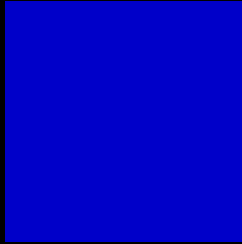
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5354, 55.7024, -145.9130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

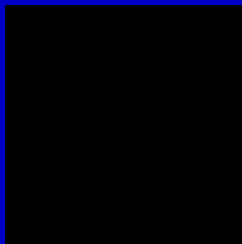
Any Text WCAG AA × Fail

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 20.5354, 55.7024, -145.9130 Background



This preview shows how black text looks on a background with the HunterLab color 20.5354, 55.7024, -145.9130.



This preview shows how white text looks on a background with the HunterLab color 20.5354, 55.7024, -145.9130.

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

20.5354, 55.7024, -145.9130

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia

21.3413, -1.5807, -23.2624



Tritanopia

21.4224, -10.7883, -3.4872

Trichromacy



Original Color
20.5354, 55.7024, -145.9130

Protanomaly
19.0279, 25.6047, -79.0564

Deuteranomaly
18.3893, 20.4194, -67.0647

Tritanomaly
17.4234, 11.8600, -47.3801

Monochromacy



Original Color
20.5354, 55.7024, -145.9130

Achromatopsia
9.2564, -0.4939, 0.5029

Achromatomaly
10.7135, 16.7278, -44.1997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5354, 55.7024, -145.9130 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, 0, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 201)  
}
```

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, 0, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5354, 55.7024, -145.9130 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, 0, 201) }
```


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

```
.border{ border-color:rgb(0, 0, 201) }
```

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

Here you see how a box with a 4 pixel rgb(0, 0, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 201); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 201); box-shadow:4px  
4px 4px 4px rgb(0, 0, 201) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5354, 55.7024, -145.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 0, 201) }
```

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

```
.background{ background-color:rgb(0, 0,  
201) }
```

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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