

Converting Colors

HunterLab(19.6197, 51.8224,
-136.3926)

Have a look what the booklet for
HunterLab(19.6197, 51.8224,
-136.3926) contains.

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Color

**HunterLab(19.6174, 51.6320,
-135.9787)**

Conversions

Conversions Part 1

Format	Color
Hex	0004BF
RGB	0, 4, 191
RGB Percent	0%, 2%, 75%
CMY	0.9998, 0.9844, 0.2510
CMYK	1.00, 0.98, 0.00, 0.25
HSL	239°, 100%, 37%
HSV	239°, 100%, 75%
XYZ	9.4474, 3.8484, 49.5351
YIQ	24.1220, -62.4110, 57.3090

Conversions

Conversions Part 2

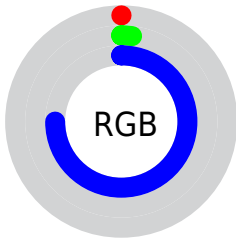
Format	Color
RYB	0, 4, 191
Decimal	1215
CIELab	23.16, 62.81, -86.30
CIELCh	23, 106.732, 306.047
Yxy	3.8484, 0.1504, 0.0612
Android (android.graphics.Color)	4278191295 (0xFF0004BF)
YUV	24.1220, 82.2709, -21.1550
Hunter-Lab	19.6174, 51.6320, -135.9787

Details

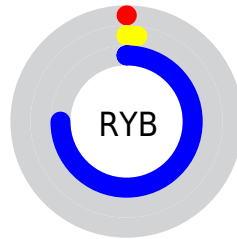
The HunterLab color **19.6174, 51.6320, -135.9787** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **68.2934, -16.8782, 41.7856**, and the grayscale version is **9.3687, -0.4999, 0.5090**.

A 20% lighter version of the original color is **36.3584, 55.9468, -122.7649**, and **13.3326, 36.1646, -94.7335** is the 20% darker color. If you saturate the color by 10%, you get **19.6145, 51.6447, -136.0026**, and if you desaturate by 10%, it is **21.2181, 46.7894, -123.8391**.

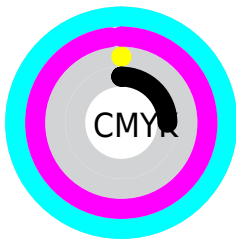
Distribution



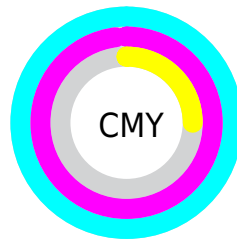
- Red (0%)
- Green (2%)
- Blue (75%)



- Red (0%)
- Yellow (2%)
- Blue (75%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (98%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6174, 51.6320, -135.9787 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 19.6174, 51.6320, -135.9787 by changing the saturation by 10% instead.

■ 19.6174, 51.6320,
-135.9787

■ 19.6174, 51.6320,
-135.9787

■ 117.4963, 69.0846,
-120.3686

■ 12.6061, 50.0673,
-154.2659

■ 36.4248, 55.8816,
-122.4236

■ 5.9182, 60.1521,
-227.5953

■ 46.0396, 58.0388,
-119.9813

0.0000, INF, -NF

■ 56.3771, 60.1221,
-118.8115

0.0000, NaN, -NF

■ 67.3901, 62.1117,
-118.4190

0.0000, NaN, -NF

■ 79.0392, 64.0015,
-118.5211

0.0000, NaN, -NF

■ 91.2916, 65.7916,

0.0000, NaN, -NF

0.0000, NaN, NaN

-118.9467

0.0000, NaN, NaN

104.1189, 67.4846,
-119.5865

19.6174, 51.6320,
-135.9787

19.6174, 51.6320,
-135.9787

19.6145, 51.6447,
-136.0026

21.2181, 46.7894,
-123.8391

24.0660, 39.6131,
-105.9110

28.0784, 31.8030,
-86.2227

32.9855, 24.5389,
-67.8422

38.5591, 18.1716,
-51.7130

■ 44.6355, 12.6570,
-37.7475

■ 51.1030, 7.8392,
-25.5603

■ 57.8854, 3.5615,
-14.7554

■ 64.9291, -0.3049,
-5.0059

Harmonies

Analogous

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



19.6173, 6.0549, -201.7076



19.6174, 51.6320, -135.9787



19.6173, 96.4014, -42.3071

Triad

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



19.6173, 51.6359, -135.9796



19.6173, 31.7247, 13.7321



19.6173, -34.3304, -6.3699

Complementary

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



19.6174, 51.6320, -135.9787



68.2934, -16.8782, 41.7856

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.



19.6173, -33.8186, 13.7321



19.6174, 51.6320, -135.9787



19.6173, -7.2647, 13.7321

Square

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



19.6173, 51.6359, -135.9796



19.6173, 80.5354, 13.7321



19.6173, -26.0892, 13.7321



19.6173, -31.3212, -77.3305

Rectangle

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



19.6174, 51.6320, -135.9787



19.6173, 110.0094, -3.5402



19.6173, -26.0892, 13.7321



19.6173, -34.3304, 4.7734

Sweetspot

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



19.6173, 51.6359, -135.9796



67.9506, 10.7921, -34.9678



63.8353, -35.2344, -3.7253



30.0884, 6.3077, -19.5484



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



19.6173, 51.6359, -135.9796



26.1687, 69.4686, -182.6714



24.2775, 57.0606, -104.4173



30.4238, -0.2506, -2.0554



15.9468, 41.6677, -109.8807



3.3251, 7.5453, -20.4441

Inverse Universe

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



33.2957, 57.0394, 21.3114



44.5523, 76.3223, 28.5937



63.3087, -42.8466, 38.2594



30.8860, 1.0722, 2.5086



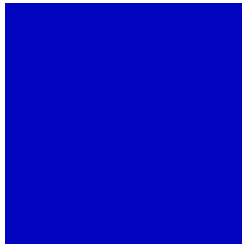
26.9933, 46.2535, 17.2368



5.3528, 9.1926, 3.2581

Previews

White Background



This preview shows how the HunterLab color 19.6174, 51.6320, -135.9787 looks on a white background.

Color Contrast Check

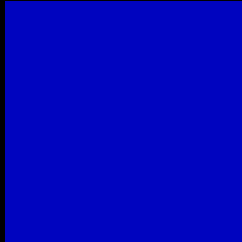
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6174, 51.6320, -135.9787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

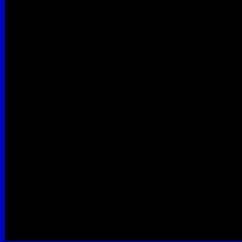
Any Text WCAG AA × Fail

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 19.6174, 51.6320, -135.9787 Background



This preview shows how black text looks on a background with the HunterLab color 19.6174, 51.6320, -135.9787.



This preview shows how white text looks on a background with the HunterLab color 19.6174, 51.6320, -135.9787.

-135.9787.

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

19.6174, 51.6320, -135.9787

Protanopia

20.2798, 5.2195, -36.6154

Deuteranopia

20.3287, -1.6117, -21.9300



Tritanopia

20.1793, -10.1343, -3.3452

Trichromacy



Original Color

19.6174, 51.6320, -135.9787

Protanomaly

18.2668, 23.6897, -73.9712

Deuteranomaly

17.8424, 18.0331, -61.2298

Tritanomaly

16.8101, 10.4299, -43.5262

Monochromacy



Original Color

19.6174, 51.6320, -135.9787

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

10.7626, 14.9520, -40.4517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6174, 51.6320, -135.9787 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, 4, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 4, 191)  
}
```

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, 4, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 4, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6174, 51.6320, -135.9787 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, 4, 191) }
```


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

```
.border{ border-color:rgb(0, 4, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 4, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 4, 191); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 4, 191); box-shadow:4px  
4px 4px 4px rgb(0, 4, 191) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6174, 51.6320, -135.9787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 4, 191) }
```

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

```
.background{ background-color: rgb(0, 4,  
191) }
```

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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