

Converting Colors

HunterLab(20.6967, 19.0786,
-67.0544)

Have a look what the booklet for
HunterLab(20.6967, 19.0786,
-67.0544) contains.

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Color

**HunterLab(20.6204, 19.3351,
-67.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	003094
RGB	0, 48, 148
RGB Percent	0%, 19%, 58%
CMY	0.9999, 0.8118, 0.4196
CMYK	1.00, 0.68, 0.00, 0.42
HSL	221°, 100%, 29%
HSV	221°, 100%, 58%
XYZ	6.4022, 4.2520, 28.5002
YIQ	45.0480, -60.7080, 20.9240

Conversions

Conversions Part 2

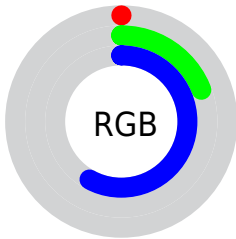
Format	Color
RYB	0, 36, 148
Decimal	12436
CIELab	24.49, 28.93, -58.13
CIELCh	24, 64.928, 296.455
Yxy	4.2521, 0.1635, 0.1086
Android (android.graphics.Color)	4278202516 (0xFF003094)
YUV	45.0480, 50.7553, -39.5071
Hunter-Lab	20.6204, 19.3351, -67.5126

Details

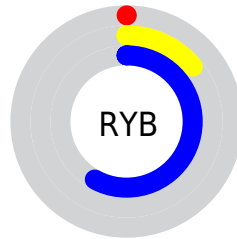
The HunterLab color **20.6204, 19.3351, -67.5126** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **39.2619, 7.5457, 24.3241**, and the grayscale version is **16.0695, -0.8574, 0.8731**.

A 20% lighter version of the original color is **37.7472, 21.5606, -65.1081**, and **9.9824, 21.6429, -59.1979** is the 20% darker color. If you saturate the color by 10%, you get **20.6172, 19.3438, -67.5275**, and if you desaturate by 10%, it is **22.9442, 14.7144, -58.0030**.

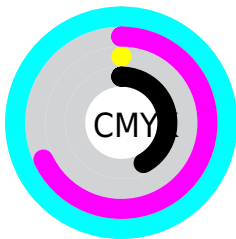
Distribution



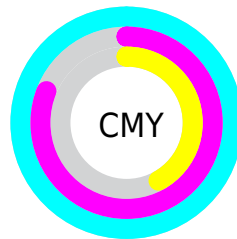
- Red (0%)
- Green (19%)
- Blue (58%)



- Red (0%)
- Yellow (14%)
- Blue (58%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (81%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6204, 19.3351, -67.5126 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 20.6204, 19.3351, -67.5126 by changing the saturation by 10% instead.

■ 20.6204, 19.3351,
-67.5126

■ 20.6204, 19.3351,
-67.5126

■ 119.3077, 26.4903,
-69.9613

■ 13.4742, 17.9418,
-71.8004

■ 37.6544, 21.6972,
-65.4637

■ 7.0487, 18.6912,
-88.5053

■ 47.3680, 22.6771,
-65.6347

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.7975, 23.5414,
-66.1255

0.0000, NaN, -NF

■ 68.8968, 24.3022,
-66.7900

0.0000, NaN, NaN

■ 80.6276, 24.9695,
-67.5460

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.9576, 25.5521,

-68.3448

0.0000, NaN, NaN

105.8591, 26.0569,
-69.1562

■ 20.6204, 19.3351,
-67.5126

■ 20.6204, 19.3351,
-67.5126

■ 20.6172, 19.3438,
-67.5275

■ 22.9442, 14.7144,
-58.0030

■ 25.5793, 10.6232,
-48.9926

■ 28.5173, 7.2237,
-40.5514

■ 31.7098, 4.4719,
-32.7677

■ 35.1164, 2.2857,
-25.6251

■ 38.7043, 0.5773,
-19.0590

■ 42.4476, -0.7338,
-12.9905

■ 46.3259, -1.7155,
-7.3417

■ 50.3228, -2.4239,
-2.0433

Harmonies

Analogous

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



20.6206, -3.4608, -81.0189



20.6204, 19.3351, -67.5126



20.6206, 42.5775, -31.7611

Triad

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



20.6206, 19.3366, -67.5122



20.6206, 25.2163, 14.4344



20.6206, -27.3937, 3.2897

Complementary

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



20.6204, 19.3351, -67.5126



39.2619, 7.5457, 24.3241

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.



20.6206, -24.5974, 13.1596



20.6204, 19.3351, -67.5126



20.6206, 1.3691, 14.4344

Square

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



20.6206, 19.3366, -67.5122



20.6206, 46.7948, 11.7618



20.6206, -15.7730, 14.4344



20.6206, -25.7087, -23.2293

Rectangle

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



20.6204, 19.3351, -67.5126



20.6206, 52.2464, -9.6102



20.6206, -15.7730, 14.4344



20.6206, -26.9878, 8.0646

Sweetspot

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



20.6206, 19.3366, -67.5122



56.0733, -0.8812, -17.7337



46.9837, -33.4899, 13.5713



25.8725, -0.1241, -9.9202



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



20.6206, 19.3366, -67.5122



26.8672, 27.0902, -92.0616



15.3014, 40.1687, -98.4291



24.3347, -1.1865, -0.7890



19.1729, 17.5649, -61.8820



3.0682, -0.0302, -3.7699

Inverse Universe

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



25.5143, 44.5254, 10.0036



33.8477, 58.9929, 13.9051



50.4141, -21.6359, 30.6854



24.1755, 1.0614, 1.1263



23.5891, 41.1886, 9.1066



2.7031, 4.8972, -0.3315

Previews

White Background



This preview shows how the HunterLab color 20.6204, 19.3351, -67.5126 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 20.6204, 19.3351, -67.5126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

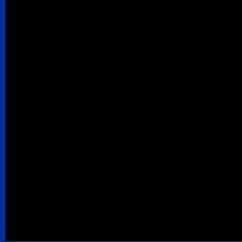
Any Text WCAG AA × Fail

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 20.6204, 19.3351, -67.5126 Background



This preview shows how black text looks on a background with the HunterLab color 20.6204, 19.3351, -67.5126.



This preview shows how white text looks on a background with the HunterLab color 20.6204, 19.3351, -67.5126.

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

20.6204, 19.3351, -67.5126

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.7287, -1.2532, -23.2038



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.6204, 19.3351, -67.5126

Protanomaly

20.6156, 10.2320, -47.8556

Deuteranomaly

20.3967, 5.8220, -38.0621

Tritanomaly

20.0244, -1.4492, -21.9003

Monochromacy



Original Color

20.6204, 19.3351, -67.5126

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8059, 2.5243, -17.7622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6204, 19.3351, -67.5126 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, 48, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 148)  
}
```

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, 48, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6204, 19.3351, -67.5126 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, 48, 148) }
```


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

```
.border{ border-color:rgb(0, 48, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6204, 19.3351, -67.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 148) }
```

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

```
.background{ background-color: rgb(0, 48,  
148) }
```

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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