

Converting Colors

HunterLab(19.5899, 16.2111,
-70.9532)

Have a look what the booklet for
HunterLab(19.5899, 16.2111,
-70.9532) contains.

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Color

**HunterLab(20.5438, 18.9908,
-66.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	003093
RGB	0, 48, 147
RGB Percent	0%, 19%, 58%
CMY	0.9999, 0.8118, 0.4235
CMYK	1.00, 0.67, 0.00, 0.42
HSL	220°, 100%, 29%
HSV	220°, 100%, 58%
XYZ	6.3234, 4.2205, 28.0851
YIQ	44.9340, -60.3870, 20.6130

Conversions

Conversions Part 2

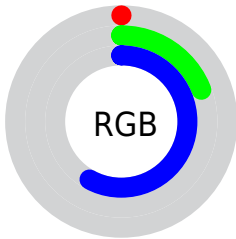
Format	Color
RYB	0, 36, 147
Decimal	12435
CIELab	24.39, 28.52, -57.68
CIELCh	24, 64.344, 296.310
Yxy	4.2206, 0.1637, 0.1093
Android (android.graphics.Color)	4278202515 (0xFF003093)
YUV	44.9340, 50.3185, -39.4071
Hunter-Lab	20.5438, 18.9908, -66.6737

Details

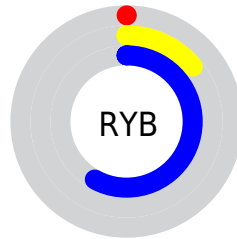
The HunterLab color **20.5438, 18.9908, -66.6737** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **38.8988, 7.6281, 24.1019**, and the grayscale version is **16.0333, -0.8555, 0.8711**.

A 20% lighter version of the original color is **37.6225, 21.0778, -64.5061**, and **9.8903, 21.3424, -58.4341** is the 20% darker color. If you saturate the color by 10%, you get **20.5407, 18.9992, -66.6879**, and if you desaturate by 10%, it is **22.8515, 14.4313, -57.2866**.

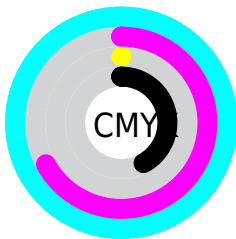
Distribution



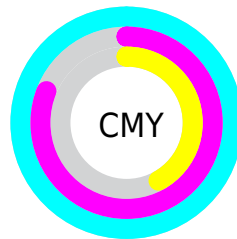
- Red (0%)
- Green (19%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5438, 18.9908, -66.6737 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 20.5438, 18.9908, -66.6737 by changing the saturation by 10% instead.

■ 20.5438, 18.9908,
-66.6737

■ 20.5438, 18.9908,
-66.6737

■ 119.1701, 26.0021,
-69.2207

■ 13.4078, 17.6127,
-70.8763

■ 37.5608, 21.3190,
-64.7010

■ 6.9694, 18.5141,
-87.7420

■ 47.2669, 22.2820,
-64.8884

0.0000, INF, -NF

■ 57.6894, 23.1298,
-65.3884

0.0000, NaN, -NF

■ 68.7822, 23.8744,
-66.0572

0.0000, NaN, -NF

■ 80.5069, 24.5260,
-66.8142

0.0000, NaN, NaN

■ 92.8310, 25.0932,

0.0000, NaN, NaN

0.0000, NaN, NaN

-67.6116

0.0000, NaN, NaN

105.7269, 25.5832,
-68.4200

■ 20.5438, 18.9908,
-66.6737

■ 20.5438, 18.9908,
-66.6737

■ 20.5407, 18.9992,
-66.6879

■ 22.8515, 14.4313,
-57.2866

■ 25.4644, 10.3966,
-48.3984

■ 28.3752, 7.0465,
-40.0701

■ 31.5370, 4.3368,
-32.3868

■ 34.9098, 2.1863,
-25.3323

■ 38.4616, 0.5084,
-18.8436

■ 42.1670, -0.7761,
-12.8436

■ 46.0057, -1.7344,
-7.2564

■ 49.9617, -2.4217,
-2.0140

Harmonies

Analogous

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



20.5440, -3.5258, -79.8005



20.5438, 18.9908, -66.6737



20.5440, 41.9634, -31.5138

Triad

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



20.5440, 18.9923, -66.6733



20.5440, 25.0364, 14.3808



20.5440, -27.1887, 3.3464

Complementary

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



20.5438, 18.9908, -66.6737



38.8988, 7.6281, 24.1019

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.



20.5440, -24.3788, 13.0983



20.5438, 18.9908, -66.6737



20.5440, 1.4496, 14.3808

Square

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



20.5440, 18.9923, -66.6733



20.5440, 46.2935, 11.6511



20.5440, -15.5743, 14.3808



20.5440, -25.5310, -22.7621

Rectangle

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



20.5438, 18.9908, -66.6737



20.5440, 51.5519, -9.6242



20.5440, -15.5743, 14.3808



20.5440, -26.7769, 8.0552

Sweetspot

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



20.5440, 18.9923, -66.6733



56.1102, -0.9438, -17.6778



46.6365, -33.2385, 13.4625



25.8922, -0.1578, -9.8890



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.



20.5440, 18.9923, -66.6733



26.9529, 26.8572, -91.6657



15.1910, 39.8739, -97.6781



24.3388, -1.1934, -0.7839



19.2331, 17.4069, -61.6162



3.0762, -0.0437, -3.7506

Inverse Universe

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



25.3317, 44.2188, 9.8388



33.8546, 59.0183, 13.8044



50.0420, -21.4717, 30.4590



24.1759, 1.0636, 1.1203



23.5940, 41.2068, 9.0344



2.7040, 4.9005, -0.3444

Previews

White Background



This preview shows how the HunterLab color 20.5438, 18.9908, -66.6737 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 20.5438, 18.9908, -66.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

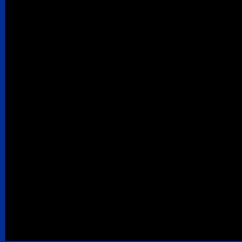
Any Text WCAG AA × Fail

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 20.5438, 18.9908, -66.6737 Background



This preview shows how black text looks on a background with the HunterLab color 20.5438, 18.9908, -66.6737.



This preview shows how white text looks on a background with the HunterLab color 20.5438, 18.9908, -66.6737.

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

20.5438, 18.9908, -66.6737

Protanopia

20.6353, 5.3478, -37.3368

Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.5438, 18.9908, -66.6737

Protanomaly

20.5507, 9.9115, -47.0827

Tritanomaly

19.9775, -1.7076, -21.2840

Monochromacy



Original Color

20.5438, 18.9908, -66.6737

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 20.5438, 18.9908, -66.6737 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5438, 18.9908, -66.6737 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, 147) }
```

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

```
.border{ border-color:rgb(0, 48, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 147)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 20.5438, 18.9908, -66.6737 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, 147) }
```

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

```
.background{ background-color: rgb(0, 48,  
147) }
```

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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