

Converting Colors

HunterLab(20.5829, 38.2146,
-76.6740)

Have a look what the booklet for
HunterLab(20.5829, 38.2146,
-76.6740) contains.

HunterLab(20.6248, 38.2946, -77.0371)	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(20.6248, 38.2946,
-77.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	42199C
RGB	66, 25, 156
RGB Percent	26%, 10%, 61%
CMY	0.7412, 0.9020, 0.3882
CMYK	0.58, 0.84, 0.00, 0.39
HSL	259°, 72%, 35%
HSV	259°, 84%, 61%
XYZ	8.5952, 4.2538, 31.8206
YIQ	52.1930, -17.6150, 49.4330

Conversions

Conversions Part 2

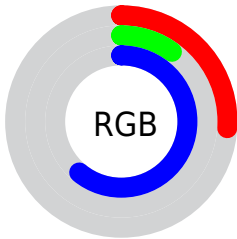
Format	Color
R_{YB}	66, 25, 156
Decimal	4331932
CIE _{Lab}	24.49, 49.89, -62.91
CIE _{LCh}	24, 80.287, 308.416
Yxy	4.2539, 0.1924, 0.0952
Android (android.graphics.Color)	4282522012 (0xFF42199C)
YUV	52.1930, 51.1769, 12.1087
Hunter-Lab	20.6248, 38.2946, -77.0371




Details

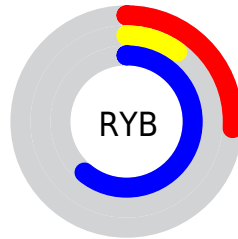
The HunterLab color **20.6248, 38.2946, -77.0371** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **52.4325, -26.6195, 30.8028**, and the grayscale version is **18.4335, -0.9836, 1.0015**.




A 20% lighter version of the original color is **37.7920, 42.1467, -73.6946**, and **9.8958, 26.8424, -70.3140** is the 20% darker color. If you saturate the color by 10%, you get **18.5060, 41.8288, -88.6335**, and if you desaturate by 10%, it is **23.5048, 33.4266, -64.2694**.

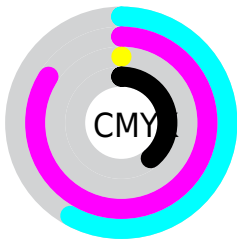
Distribution







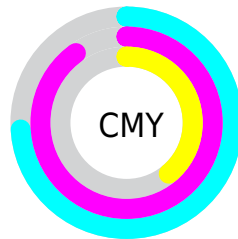
-  Red (26%)
-  Green (10%)
-  Blue (61%)






-  Red (26%)
-  Yellow (10%)
-  Blue (61%)



-  Cyan (58%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (74%)
-  Magenta (90%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6248, 38.2946, -77.0371 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 20.6248, 38.2946, -77.0371 by changing the saturation by 10% instead.

20.6248, 38.2946,
-77.0371

20.6248, 38.2946,
-77.0371

119.3156, 52.4084,
-77.8625

13.4781, 36.4505,
-82.7722

37.6598, 42.1257,
-73.8059

7.0532, 38.4748,
-103.5387

47.3738, 43.9137,
-73.7265

0.0000, INF, -NF

0.0000, NaN, -NF

57.8037, 45.5901,
-74.0729

0.0000, NaN, -NF

68.9034, 47.1552,
-74.6606

0.0000, NaN, -NF

80.6346, 48.6136,
-75.3852

0.0000, NaN, NaN

0.0000, NaN, NaN

92.9650, 49.9711,

-76.1841

0.0000, NaN, NaN

105.8667, 51.2340,
-77.0182

20.6248, 38.2946,
-77.0371

20.6248, 38.2946,
-77.0371

18.5060, 41.8288,
-88.6335

23.5048, 33.4266,
-64.2694

17.4617, 43.6494,
-95.2716

27.0099, 28.0463,
-51.9081

31.0070, 22.6419,
-40.6394

35.3900, 17.4181,
-30.5816

40.0802, 12.4275,
-21.6125

■ 45.0207, 7.6586,
-13.5459

■ 50.1699, 3.0780,
-6.2019

■ 55.4969, -1.3506,
0.5709

■ 60.9786, -5.6602,
6.8940

Harmonies

Analogous

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



20.6250, 6.4523, -115.6111



20.6248, 38.2946, -77.0371



20.6250, 65.7447, -23.9314

Triad

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



20.6250, 38.2959, -77.0364



20.6250, 19.8370, 14.4375



20.6250, -30.5682, -6.7955

Complementary

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



20.6248, 38.2946, -77.0371



52.4325, -26.6195, 30.8028

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.



20.6250, -29.5614, 11.8859



20.6248, 38.2946, -77.0371



20.6250, -7.7039, 14.4375

Square

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



20.6250, 38.2959, -77.0364



20.6250, 52.0069, 14.4375



20.6250, -23.3473, 14.4375



20.6250, -26.9383, -52.6727

Rectangle

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



20.6248, 38.2946, -77.0371



20.6250, 72.7645, -0.1878



20.6250, -23.3473, 14.4375



20.6250, -30.7444, 2.3524

Sweetspot

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



20.6250, 38.2959, -77.0364



59.6432, 11.2803, -19.8391



39.0636, -10.2012, -23.8460



26.9541, 6.2632, -10.9320



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



20.6250, 38.2959, -77.0364



23.3341, 58.6433, -129.7492



27.9741, 50.1000, -48.5480



25.5558, 0.4714, -1.4281



15.9003, 39.6638, -86.1122



2.5740, 5.7814, -8.9827

Inverse Universe

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



30.0014, 49.5482, -12.6963



38.3863, 70.6812, -13.5171



49.5542, -38.3102, 28.7641



25.9214, 1.5717, 0.1198



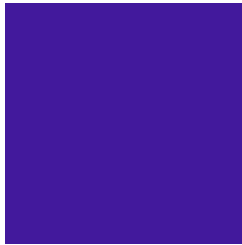
25.8951, 47.7588, -9.7218



3.5657, 6.7526, -2.7056

Previews

White Background



This preview shows how the HunterLab color 20.6248, 38.2946, -77.0371 looks on a white background.

Color Contrast Check

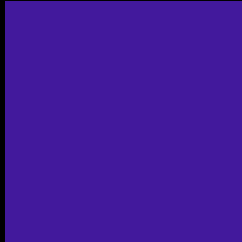
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6248, 38.2946, -77.0371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

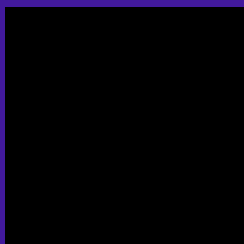
Any Text WCAG AA × Fail

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 20.6248, 38.2946, -77.0371 Background



This preview shows how black text looks on a background with the HunterLab color 20.6248, 38.2946, -77.0371.



This preview shows how white text looks on a background with the HunterLab color 20.6248, 38.2946, -77.0371.

-77.0371.

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

20.6248, 38.2946, -77.0371

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.7287, -1.2532, -23.2038



Tritanopia

20.9470, -7.0651, -3.1525

Trichromacy



Original Color

20.6248, 38.2946, -77.0371

Protanomaly

19.4021, 17.0946, -55.5556

Deuteranomaly

19.2698, 12.0984, -44.5662

Tritanomaly

19.3811, 7.7886, -25.5854

Monochromacy



Original Color

20.6248, 38.2946, -77.0371

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.0665, 11.4689, -20.4109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6248, 38.2946, -77.0371 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(66, 25, 156)` looks like.

```
.text, #text, p{  
    color:rgb(66, 25, 156)  
}
```

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(66, 25, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 25, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6248, 38.2946, -77.0371 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(66, 25, 156) }
```


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

```
.border{ border-color:rgb(66, 25, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 25, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 25, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 25, 156);  
box-shadow:4px 4px 4px 4px rgb(66, 25,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.6248, 38.2946, -77.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 25, 156) }
```

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

```
.background{ background-color: rgb(66, 25,  
156) }
```

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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