

Converting Colors

HunterLab(20.0178, 33.7209,
-86.4657)

Have a look what the booklet for
HunterLab(20.0178, 33.7209,
-86.4657) contains.

HunterLab(20.0457, 33.9209, -86.7838)	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(20.0457, 33.9209,
-86.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	2620A1
RGB	38, 32, 161
RGB Percent	15%, 13%, 63%
CMY	0.8509, 0.8745, 0.3686
CMYK	0.76, 0.80, 0.00, 0.37
HSL	243°, 67%, 38%
HSV	243°, 80%, 63%
XYZ	7.7489, 4.0183, 34.0854
YIQ	48.5000, -37.8330, 41.3910

Conversions

Conversions Part 2

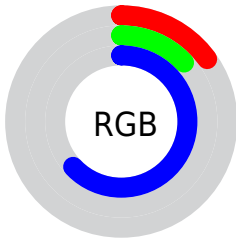
Format	Color
R_{YB}	38, 32, 161
Decimal	2498721
CIE _{Lab}	23.73, 45.55, -67.30
CIE _{LCh}	24, 81.262, 304.092
Yxy	4.0184, 0.1690, 0.0876
Android (android.graphics.Color)	4280688801 (0xFF2620A1)
YUV	48.5000, 55.4625, -9.2085
Hunter-Lab	20.0457, 33.9209, -86.7838




Details

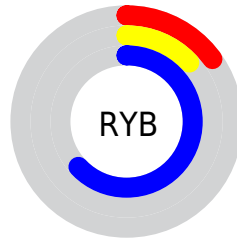
The HunterLab color **20.0457, 33.9209, -86.7838** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **57.0627, -16.8984, 33.4463**, and the grayscale version is **17.1892, -0.9172, 0.9339**.




A 20% lighter version of the original color is **36.8849, 37.7851, -82.1311**, and **10.4053, 28.2245, -73.9343** is the 20% darker color. If you saturate the color by 10%, you get **17.6605, 39.4653, -101.6263**, and if you desaturate by 10%, it is **23.3704, 27.6984, -70.6567**.

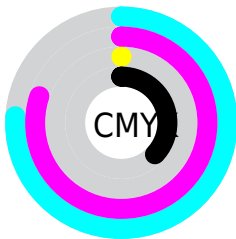
Distribution







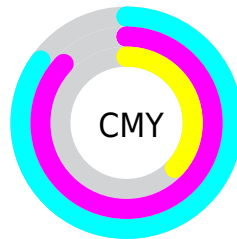
-  Red (15%)
-  Green (13%)
-  Blue (63%)






-  Red (15%)
-  Yellow (13%)
-  Blue (63%)



-  Cyan (76%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (85%)
-  Magenta (87%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0457, 33.9209, -86.7838 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 20.0457, 33.9209, -86.7838 by changing the saturation by 10% instead.

■ 20.0457, 33.9209,
-86.7838

■ 20.0457, 33.9209,
-86.7838

■ 118.2725, 46.8203,
-85.2921

■ 12.9763, 32.1130,
-94.5505

■ 36.9508, 37.5323,
-81.9646

■ 6.4277, 35.7895,
-126.0709

■ 46.6081, 39.1835,
-81.5470

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.9852, 40.7175,
-81.6898

0.0000, NaN, -NF

■ 68.0353, 42.1379,
-82.1581

0.0000, NaN, -NF

■ 79.7196, 43.4514,
-82.8187

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0054, 44.6651,

-83.5917

0.0000, NaN, NaN

104.8645, 45.7860,
-84.4270

20.0457, 33.9209,
-86.7838

20.0457, 33.9209,
-86.7838

17.6605, 39.4653,
-101.6263

23.3704, 27.6984,
-70.6567

16.1914, 43.6203,
-112.7294

27.4170, 21.7563,
-55.6417

32.0027, 16.4206,
-42.4610

36.9965, 11.6931,
-31.0347

42.3086, 7.4742,
-21.0507

■ 47.8773, 3.6538,
-12.1902

■ 53.6593, 0.1383,
-4.1896

■ 59.6233, -3.1453,
3.1547

■ 65.7462, -6.2526,
9.9958

Harmonies

Analogous

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



20.0458, 2.5021, -120.6352



20.0457, 33.9209, -86.7838



20.0458, 63.7068, -31.2624

Triad

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



20.0458, 33.9229, -86.7834



20.0458, 24.7708, 14.0321



20.0458, -30.4636, -2.4810

Complementary

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



20.0457, 33.9209, -86.7838



57.0627, -16.8984, 33.4463

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.



20.0458, -28.7332, 12.9131



20.0457, 33.9209, -86.7838



20.0458, -4.4095, 14.0321

Square

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



20.0458, 33.9229, -86.7834



20.0458, 56.8397, 14.0321



20.0458, -21.6294, 14.0321



20.0458, -27.4722, -45.6913

Rectangle

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



20.0457, 33.9209, -86.7838



20.0458, 73.3889, -4.2517



20.0458, -21.6294, 14.0321



20.0458, -30.4148, 5.2763

Sweetspot

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



20.0458, 33.9229, -86.7834



60.8106, 7.0441, -21.2820



51.8583, -25.2325, -7.0373



27.3149, 4.1068, -11.8437



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



20.0458, 33.9229, -86.7834



22.1718, 56.6496, -146.8271



25.2215, 42.8697, -62.9723



26.2201, -0.0720, -1.7153



14.4874, 38.9955, -100.6007



2.2034, 5.7332, -13.7680

Inverse Universe

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



33.1303, 55.8660, -34.0946



42.3199, 81.1970, -48.8388



52.8012, -33.4473, 30.4161



26.8262, 1.9606, -0.7362



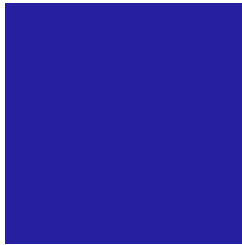
28.1129, 54.7307, -32.8923



4.0949, 8.0024, -5.0258

Previews

White Background



This preview shows how the HunterLab color 20.0457, 33.9209, -86.7838 looks on a white background.

Color Contrast Check

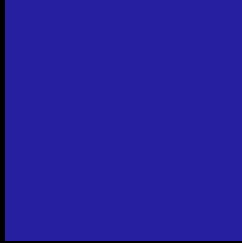
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0457, 33.9209, -86.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

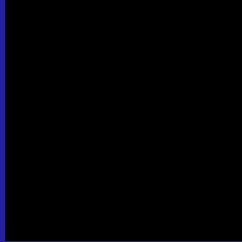
Any Text WCAG AA × Fail

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 20.0457, 33.9209, -86.7838 Background



This preview shows how black text looks on a background with the HunterLab color 20.0457, 33.9209, -86.7838.



This preview shows how white text looks on a background with the HunterLab color 20.0457, 33.9209, -86.7838.

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

20.0457, 33.9209, -86.7838

Protanopia

19.9833, 5.3911, -36.6153

Deuteranopia

20.0244, -1.4492, -21.9003



Tritanopia

19.9004, -9.7947, -3.7298

Trichromacy



Original Color

20.0457, 33.9209, -86.7838

Protanomaly

19.4739, 15.0737, -54.1990

Deuteranomaly

19.1585, 10.5479, -43.9908

Tritanomaly

18.6787, 3.2256, -27.5144

Monochromacy



Original Color

20.0457, 33.9209, -86.7838

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.3892, 8.4891, -22.1168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0457, 33.9209, -86.7838 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(38, 32, 161)` looks like.

```
.text, #text, p{  
    color:rgb(38, 32, 161)  
}
```

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(38, 32, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 32, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0457, 33.9209, -86.7838 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(38, 32, 161) }
```


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

```
.border{ border-color:rgb(38, 32, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 32, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 32, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 32, 161);  
box-shadow:4px 4px 4px 4px rgb(38, 32,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.0457, 33.9209, -86.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 32, 161) }
```

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

```
.background{ background-color: rgb(38, 32,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor