

Converting Colors

HunterLab(38.6559, 63.2688,
-87.6617)

Have a look what the booklet for
HunterLab(38.6559, 63.2688,
-87.6617) contains.

HunterLab(38.6202, 63.0845, -87.7805)	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(38.6202, 63.0845,
-87.7805)**

Conversions

Conversions Part 1	
Format	Color
Hex	9836E4
RGB	152, 54, 228
RGB Percent	60%, 21%, 89%
CMY	0.4039, 0.7882, 0.1059
CMYK	0.33, 0.76, 0.00, 0.11
HSL	274°, 76%, 55%
HSV	274°, 76%, 89%
XYZ	28.2717, 14.9152, 74.7877
YIQ	103.1380, 2.5540, 74.8900

Conversions

Conversions Part 2

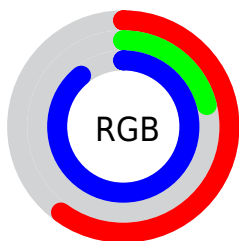
Format	Color
RYB	152, 54, 228
Decimal	9975524
CIELab	45.52, 68.60, -70.40
CIELCh	46, 98.295, 314.260
Yxy	14.9157, 0.2396, 0.1264
Android (android.graphics.Color)	4288165604 (0xFF9836E4)
YUV	103.1380, 61.5570, 42.8520
Hunter-Lab	38.6202, 63.0845, -87.7805

Details

The HunterLab color **38.6202, 63.0845, -87.7805** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **77.7812, -49.7941, 44.3962**, and the grayscale version is **36.6556, -1.9559, 1.9916**.

A 20% lighter version of the original color is **56.9542, 58.9107, -62.3616**, and **22.9509, 52.1149, -84.4766** is the 20% darker color. If you saturate the color by 10%, you get **35.1380, 68.8708, -100.9924**, and if you desaturate by 10%, it is **43.0801, 55.2786, -73.5040**.

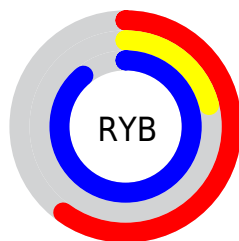
Distribution



Red (60%)

Green (21%)

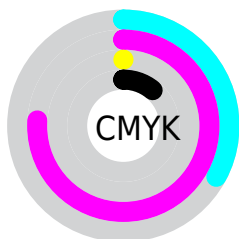
Blue (89%)



Red (60%)

Yellow (21%)

Blue (89%)

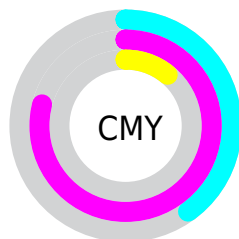


Cyan (33%)

Magenta (76%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (79%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6202, 63.0845, -87.7805 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 38.6202, 63.0845, -87.7805 by changing the saturation by 10% instead.


 38.6202, 63.0845,
-87.7805


 38.6202, 63.0845,
-87.7805


149.2834, 80.5161,
-92.6637


 29.5977, 60.8163,
-89.3344


 58.9111, 67.5687,
-87.3405


 21.4129, 58.6974,
-92.8712

 70.0772, 69.6982,
-87.7660

 14.1632, 57.1206,
-100.6710


 81.8712, 71.7341,
-88.4026

 7.8162, 59.2694,
-122.7769

 94.2613, 73.6741,
-89.1664

0.0000, INF, -NF

0.0000, NaN, -NF

 107.2202, 75.5191,
-90.0040


0.0000, NaN, -NF


120.7239, 77.2720,

0.0000, NaN, NaN


-90.8804


134.7513, 78.9364,
-91.7723

 38.6202, 63.0845,
-87.7805


 38.6202, 63.0845,
-87.7805

 35.1380, 68.8708,
-100.9924


 43.0801, 55.2786,
-73.5040


 32.7053, 71.7022,
-111.6540

 48.3748, 46.4049,
-59.3400

 31.9735, 72.2742,
-115.1403


 54.3597, 37.1221,
-45.9103


 60.9092, 27.7969,
-33.4295

 67.9231, 18.5995,
-21.8905

 75.3242, 9.5902,
-11.1925

 83.0528, 0.7749,
-1.2082

 91.0631, -7.8645,
8.1858

 97.9454, -14.2110,
15.6735

Harmonies

Analogous

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



38.6209, 17.5754, -143.4849



38.6202, 63.0845, -87.7805



38.6209, 96.0726, -21.8243

Triad

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



38.6209, 63.0847, -87.7787



38.6209, 19.7581, 27.0346



38.6209, -50.3511, -19.1669

Complementary

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



38.6202, 63.0845, -87.7805



77.7812, -49.7941, 44.3962

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.



38.6209, -50.1504, 16.5747



38.6202, 63.0845, -87.7805



38.6209, -18.4230, 27.0346

Square

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



38.6209, 63.0847, -87.7787



38.6209, 65.2038, 25.9744



38.6209, -40.8961, 26.1670



38.6209, -41.6204, -84.3114

Rectangle

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



38.6202, 63.0845, -87.7805



38.6209, 100.7761, 6.9053



38.6209, -40.8961, 26.1670



38.6209, -51.1767, -3.4098

Sweetspot

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



38.6209, 63.0847, -87.7787



79.7365, 17.8466, -20.9022



47.9272, 4.8325, -61.1840



35.5017, 9.9905, -11.7677

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.6209, 63.0847, -87.7787



38.0284, 80.6327, -122.6582



49.2574, 81.0033, -49.1476



37.7963, 1.6538, -2.0064



24.4428, 55.0915, -86.7812



7.0444, 15.4566, -21.7493

Inverse Universe

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



45.5459, 66.6488, 1.7403



48.1677, 82.7051, 8.1169



75.2509, -60.1622, 41.6452



38.0421, 2.1061, 1.2418



31.7392, 56.0857, 7.0880



8.7339, 15.6325, 0.4076

Previews

White Background



This preview shows how the HunterLab color 38.6202, 63.0845, -87.7805 looks on a white background.

Color Contrast Check

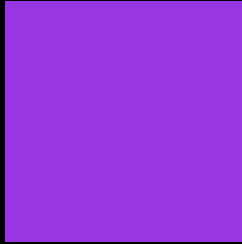
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 38.6202, 63.0845, -87.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

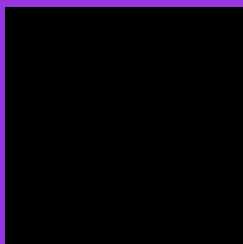
Any Text WCAG AA × Fail

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 38.6202, 63.0845, -87.7805 Background



This preview shows how black text looks on a background with the HunterLab color 38.6202, 63.0845, -87.7805.



This preview shows how white text looks on a background with the HunterLab color 38.6202, 63.0845, -87.7805.

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

38.6202, 63.0845, -87.7805

Protanopia

38.8174, 14.2372, -79.2525

Deuteranopia

38.8979, 1.1684, -51.1413



Tritanopia

38.5266, 7.9334, 2.4723

Trichromacy



Original Color
38.6202, 63.0845, -87.7805



Protanomaly
35.7708, 28.3338, -93.1754



Deuteranomaly
35.3330, 19.6591, -73.7446



Tritanomaly
37.0665, 26.6107, -23.5261

Monochromacy



Original Color
38.6202, 63.0845, -87.7805



Achromatopsia
36.8284, -1.9651, 2.0010



Achromatomaly
35.6372, 20.1751, -24.2996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6202, 63.0845, -87.7805 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(152, 54, 228)` looks like.

```
.text, #text, p{  
    color:rgb(152, 54, 228)  
}
```

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(152, 54, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 54, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6202, 63.0845, -87.7805 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(152, 54, 228) }
```


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

```
.border{ border-color:rgb(152, 54, 228) }
```

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

Here you see how a box with a 4 pixel rgb(152, 54, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 54, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 54, 228);  
box-shadow:4px 4px 4px 4px rgb(152, 54,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6202, 63.0845, -87.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 54, 228) }
```

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

```
.background{ background-color: rgb(152, 54,  
228) }
```

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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