

Converting Colors

HunterLab(27.8296, 56.0988,
-78.4806)

Have a look what the booklet for
HunterLab(27.8296, 56.0988,
-78.4806) contains.

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Color

**HunterLab(27.8296, 56.0988,
-78.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	7612B8
RGB	118, 18, 184
RGB Percent	46%, 7%, 72%
CMY	0.5372, 0.9294, 0.2784
CMYK	0.36, 0.90, 0.00, 0.28
HSL	276°, 82%, 40%
HSV	276°, 90%, 72%
XYZ	16.3393, 7.7449, 45.9812
YIQ	66.8240, 6.3140, 72.8260

Conversions

Conversions Part 2

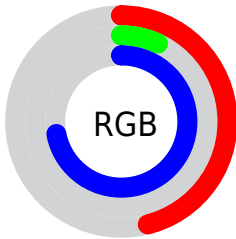
Format	Color
R_{YB}	118, 18, 184
Decimal	7738040
CIE _{Lab}	33.45, 64.89, -64.80
CIE _{LCh}	33, 91.701, 315.039
Yxy	7.7451, 0.2332, 0.1105
Android (android.graphics.Color)	4285928120 (0xFF7612B8)
YUV	66.8240, 57.7678, 44.8814
Hunter-Lab	27.8296, 56.0988, -78.4806

Details

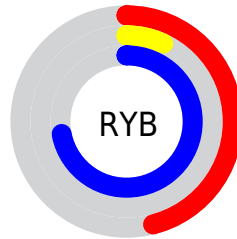
The HunterLab color $27.8296, 56.0988, -78.4806$ is a dark color, and the websafe version is hex $6633CC$. A complement of this color would be $60.1744, -43.2907, 35.7574$, and the grayscale version is $23.4326, -1.2503, 1.2731$.

A 20% lighter version of the original color is $46.3312, 60.4070, -76.8887$, and $15.9421, 37.4108, -68.0652$ is the 20% darker color. If you saturate the color by 10%, you get $26.1347, 57.9979, -85.7574$, and if you desaturate by 10%, it is $30.2173, 52.2614, -69.4429$.

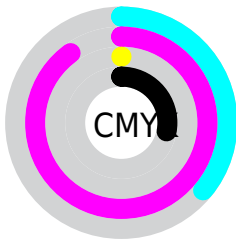
Distribution



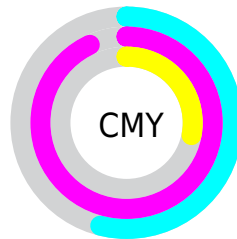
- Red (46%)
- Green (7%)
- Blue (72%)



- Red (46%)
- Yellow (7%)
- Blue (72%)



- Cyan (36%)
- Magenta (90%)
- Yellow (0%)
- Black (28%)



- Cyan (54%)
- Magenta (93%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8296, 56.0988, -78.4806 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 27.8296, 56.0988, -78.4806 by changing the saturation by 10% instead.

27.8296, 56.0988,
-78.4806

27.8296, 56.0988,
-78.4806

131.8025, 73.4796,
-81.8304

19.8300, 54.0275,
-81.4452

46.3219, 60.5116,
-77.0430

12.7897, 52.5082,
-88.4344

56.6792, 62.6474,
-77.2819

6.1768, 61.4507,
-119.8695

67.7106, 64.6937,
-77.8078

0.0000, INF, -NF

79.3772, 66.6427,
-78.4997

0.0000, NaN, -NF

91.6462, 68.4930,
-79.2856

0.0000, NaN, -NF

104.4894, 70.2469,

0.0000, NaN, NaN

-80.1204

0.0000, NaN, NaN

117.8820, 71.9077,
-80.9751

27.8296, 56.0988,
-78.4806

27.8296, 56.0988,
-78.4806

26.1347, 57.9979,
-85.7574

30.2173, 52.2614,
-69.4429

33.3632, 46.6053,
-59.2136

37.1797, 39.8577,
-48.7076

41.5615, 32.5964,
-38.5104

46.4111, 25.1817,
-28.8923

■ 51.6472, 17.8030,
-19.9217

■ 57.2055, 10.5436,
-11.5656

■ 63.0359, 3.4289,
-3.7504

■ 69.0993, -3.5443,
3.6065

Harmonies

Analogous

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



27.8300, 16.1588, -132.7772



27.8296, 56.0988, -78.4806



27.8300, 85.2588, -17.9929

Triad

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



27.8300, 56.0992, -78.4792



27.8300, 16.0595, 19.4810



27.8300, -39.2751, -18.1179

Complementary

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



27.8296, 56.0988, -78.4806



60.1744, -43.2907, 35.7574

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.



27.8300, -39.2824, 12.7104



27.8296, 56.0988, -78.4806



27.8300, -15.6006, 19.4810

Square

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



27.8300, 56.0992, -78.4792



27.8300, 55.9991, 19.4810



27.8300, -32.8141, 19.4810



27.8300, -32.7856, -78.6527

Rectangle

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



27.8296, 56.0988, -78.4806



27.8300, 88.9606, 6.1412



27.8300, -32.8141, 19.4810



27.8300, -39.8936, -4.0738

Sweetspot

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



27.8300, 56.0992, -78.4792



71.5664, 21.2486, -23.6324



31.6107, 13.0235, -65.3491



32.0793, 11.4108, -12.7868



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



27.8300, 56.0992, -78.4792



34.9842, 77.8432, -116.3978



36.6441, 67.3739, -35.7078



29.9663, 1.3243, -1.4545



21.7929, 48.2650, -70.7538



4.4979, 9.5721, -11.5837

Inverse Universe

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



33.5606, 56.0675, 6.8441



43.9369, 77.1360, 13.7181



58.7612, -49.1023, 33.7755



30.1161, 1.5209, 1.1389



27.1462, 47.7636, 7.6590



5.2163, 9.4030, -0.2725

Previews

White Background



This preview shows how the HunterLab color 27.8296, 56.0988, -78.4806 looks on a white background.

Color Contrast Check

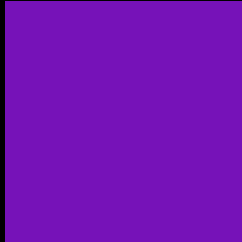
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8296, 56.0988, -78.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

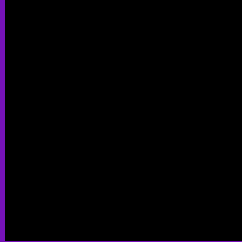
Any Text WCAG AA × Fail

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 27.8296, 56.0988, -78.4806 Background



This preview shows how black text looks on a background with the HunterLab color 27.8296, 56.0988, -78.4806.



This preview shows how white text looks on a background with the HunterLab color 27.8296, 56.0988, -78.4806.

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

27.8296, 56.0988, -78.4806

Protanopia

28.1995, 9.2959, -55.3140

Deuteranopia

28.1568, -0.1374, -34.8970



Tritanopia

28.1536, 6.7205, 1.8878

Trichromacy



Original Color

27.8296, 56.0988, -78.4806

Protanomaly

25.0643, 25.6529, -75.2450

Deuteranomaly

24.5801, 19.1543, -60.3855

Tritanomaly

26.1416, 24.6489, -21.6303

Monochromacy



Original Color

27.8296, 56.0988, -78.4806

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.0236, 19.7981, -23.4552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8296, 56.0988, -78.4806 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(118, 18, 184)` looks like.

```
.text, #text, p{  
    color:rgb(118, 18, 184)  
}
```

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(118, 18, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 18, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8296, 56.0988, -78.4806 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(118, 18, 184) }
```


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

```
.border{ border-color:rgb(118, 18, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 18, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 18, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 18, 184);  
box-shadow:4px 4px 4px 4px rgb(118, 18,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8296, 56.0988, -78.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 18, 184) }
```

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

```
.background{ background-color: rgb(118, 18,  
184) }
```

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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