

Converting Colors

HunterLab(48.9078, -12.3404,
-1.3159)

Have a look what the booklet for
HunterLab(48.9078, -12.3404,
-1.3159) contains.

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Color

**HunterLab(48.8736,
-12.4801, -1.1482)**

Conversions

Conversions Part 1

Format	Color
Hex	678D8E
RGB	103, 141, 142
RGB Percent	40%, 55%, 56%
CMY	0.5961, 0.4470, 0.4431
CMYK	0.27, 0.01, 0.00, 0.44
HSL	182°, 16%, 48%
HSV	182°, 27%, 56%
XYZ	20.0009, 23.8863, 29.1475
YIQ	129.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

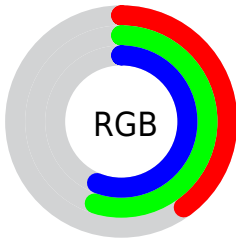
Format	Color
R _Y B	103, 122, 142
Decimal	6786446
CIE Lab	55.97, -12.83, -4.80
CIE LCh	56, 13.703, 200.522
Yxy	23.8873, 0.2739, 0.3271
Android (android.graphics.Color)	4284976526 (0xFF678D8E)
YUV	129.7520, 6.0383, -23.4615
Hunter-Lab	48.8736, -12.4801, -1.1482

Details

The HunterLab color $48.8736, -12.4801, -1.1482$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $40.7809, 9.8456, 6.6447$, and the grayscale version is $47.1338, -2.5149, 2.5609$.

A 20% lighter version of the original color is $70.6996, -15.1681, -0.4973$, and $30.0652, -9.9015, -1.6147$ is the 20% darker color. If you saturate the color by 10%, you get $47.9694, -15.2725, -2.3400$, and if you desaturate by 10%, it is $49.9068, -9.2768, 0.1867$.

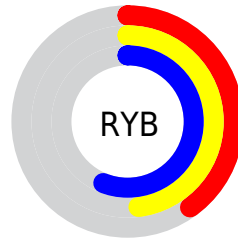
Distribution



Red (40%)

Green (55%)

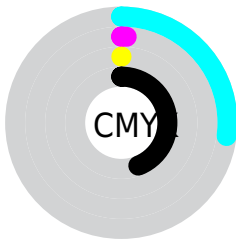
Blue (56%)



Red (40%)

Yellow (48%)

Blue (56%)

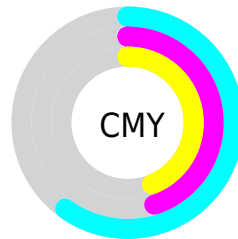


Cyan (27%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8736, -12.4801, -1.1482 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 48.8736, -12.4801, -1.1482 by changing the saturation by 10% instead.

■ 48.8736, -12.4801,
-1.1482

■ 48.8736, -12.4801,
-1.1482

165.0000,
-23.9675, 3.3895

■ 39.0513, -11.1829,
-1.4296

■ 70.6018, -15.0307,
-0.4258

■ 29.9917, -9.8549,
-1.6511

■ 82.4237, -16.2965,
0.0048

■ 21.7668, -8.4766,
-1.8032

■ 94.8403, -17.5621,
0.4775

■ 14.4718, -7.0127,
-1.8735

■ 107.8246,
-18.8304, 0.9894

■ 8.1329, -7.3102,
-2.0271

121.3526,
-20.1035, 1.5384

0.0000, NaN, NaN

0.0000, NaN, NaN

135.4034,

-21.3833, 2.1225

0.0000, NaN, NaN

149.9582,
-22.6709, 2.7400

0.0000, NaN, NaN

■ 48.8736, -12.4801,
-1.1482

■ 48.8736, -12.4801,
-1.1482

■ 47.9694, -15.2725,
-2.3400

■ 49.9068, -9.2768,
0.1867

■ 47.1908, -17.6322,
-3.3829

■ 51.0648, -5.6873,
1.6526

■ 46.5369, -19.5484,
-4.2712

■ 52.3463, -1.7432,
3.2387

■ 46.0034, -21.0208,
-5.0038

■ 53.7479, 2.5219,
4.9330

■ 45.5841, -22.0615,
-5.5838

■ 55.2656, 7.0736,
6.7231

■ 45.2697, -22.6978,
-6.0199

■ 56.8948, 11.8782,
8.5973

■ 45.0389, -23.0077,
-6.3392

■ 58.6305, 16.9035,
10.5443

■ 44.9836, -23.0738,
-6.4158

■ 60.4676, 22.1197,
12.5539

■ 62.4009, 27.4996,
14.6168

Harmonies

Analogous

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



48.8746, -12.9826, 4.3504



48.8736, -12.4801, -1.1482



48.8746, -9.4017, -6.1144

Triad

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



48.8746, -12.4807, -1.1475



48.8746, 6.1628, -4.4622



48.8746, -0.7880, 11.8876

Complementary

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



48.8736, -12.4801, -1.1482



40.7809, 9.8456, 6.6447

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.



48.8746, 4.5731, 10.0599



48.8736, -12.4801, -1.1482



48.8746, 8.7060, 0.9078

Square

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



48.8746, -12.4807, -1.1475



48.8746, 1.3014, -8.1755



48.8746, 8.1112, 6.1845



48.8746, -6.4030, 11.4717

Rectangle

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



48.8736, -12.4801, -1.1482



48.8746, -6.2204, -8.2549



48.8746, 8.1112, 6.1845



48.8746, 1.1074, 11.5240

Sweetspot

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



48.8746, -12.4807, -1.1475



67.6969, -7.9029, 2.0525



48.1896, -18.5915, 13.3691



31.8906, -4.0539, 0.8405



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



48.8746, -12.4807, -1.1475



64.1341, -18.9464, -2.5319



43.2658, -3.8561, -8.4772



24.6839, -3.0727, 0.6755



42.6289, -21.8695, -6.0725



4.2259, -2.2074, -0.5168

Inverse Universe

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



41.6832, 16.1856, -9.8766



52.6207, 27.3347, -16.9920



45.7533, 0.7112, 11.5764



23.4706, 1.6710, -0.6597



26.1167, 51.0720, -32.3192



2.5632, 5.0269, -3.2839

Previews

White Background



This preview shows how the HunterLab color 48.8736, -12.4801, -1.1482 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.8736, -12.4801, -1.1482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

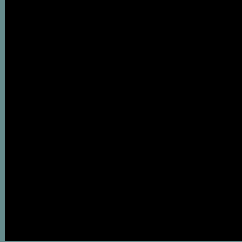
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

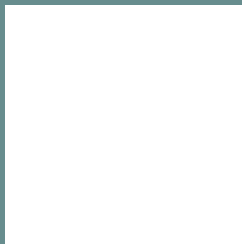
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.8736, -12.4801, -1.1482 Background



This preview shows how black text looks on a background with the HunterLab color 48.8736, -12.4801, -1.1482.



This preview shows how white text looks on a background with the HunterLab color 48.8736,

-12.4801, -1.1482.

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

48.8736, -12.4801, -1.1482

Protanopia

48.7156, -1.3638, 1.1903

Deuteranopia

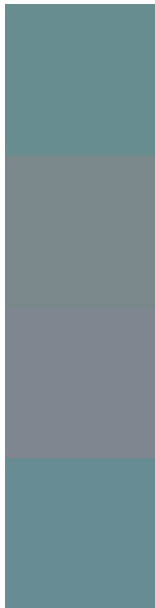
48.7131, 3.3258, -2.0395



Tritanopia

48.9835, -9.9616, -5.4296

Trichromacy



Original Color

48.8736, -12.4801, -1.1482

Protanomaly

48.6655, -5.8181, 0.1269

Deuteranomaly

48.6030, -2.8436, -1.8014

Tritanomaly

48.8235, -10.7401, -4.1263

Monochromacy



Original Color

48.8736, -12.4801, -1.1482

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.7122, -6.5255, 1.2585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8736, -12.4801, -1.1482 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(103, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(103, 141, 142)  
}
```

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(103, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 141, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8736, -12.4801, -1.1482 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(103, 141, 142) }
```


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

```
.border{ border-color:rgb(103, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(103, 141,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8736, -12.4801, -1.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 141, 142) }
```

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

```
.background{ background-color: rgb(103,  
141, 142) }
```

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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