

Converting Colors

HunterLab(29.4927, -12.0790,
12.2980)

Have a look what the booklet for
HunterLab(29.4927, -12.0790,
12.2980) contains.

HunterLab(29.5883, -12.1226, 12.4166)	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(29.5883,
-12.1226, 12.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	445A30
RGB	68, 90, 48
RGB Percent	27%, 35%, 19%
CMY	0.7333, 0.6471, 0.8118
CMYK	0.24, 0.00, 0.47, 0.65
HSL	91°, 30%, 27%
HSV	91°, 47%, 35%
XYZ	6.5736, 8.7547, 4.1397
YIQ	78.6340, 0.3700, -17.7260

Conversions

Conversions Part 2

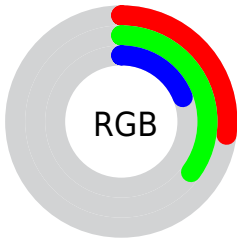
Format	Color
RYB	48, 90, 70
Decimal	4479536
CIELab	35.51, -16.78, 21.56
CIELCh	36, 27.316, 127.897
Yxy	8.7551, 0.3377, 0.4497
Android (android.graphics.Color)	4282669616 (0xFF445A30)
YUV	78.6340, -15.1026, -9.3260
Hunter-Lab	29.5883, -12.1226, 12.4166

Details

The HunterLab color $[29.5883, -12.1226, 12.4166]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.3825, 11.8717, -15.3711]$, and the grayscale version is $[27.8832, -1.4878, 1.5149]$.

A 20% lighter version of the original color is $[48.3366, -15.2382, 16.2382]$, and $[14.1419, -8.4870, 8.3248]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.1982, -13.8618, 13.8513]$, and if you desaturate by 10%, it is $[30.0225, -10.2010, 10.6763]$.

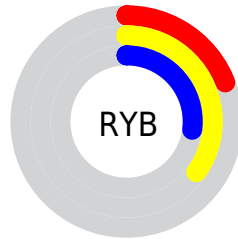
Distribution



Red (27%)

Green (35%)

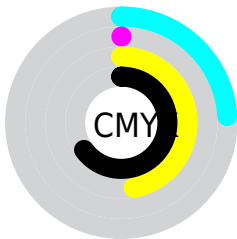
Blue (19%)



Red (19%)

Yellow (35%)

Blue (27%)

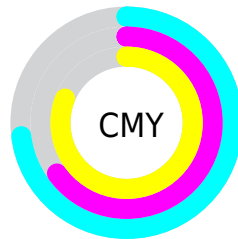


Cyan (24%)

Magenta (0%)

Yellow (47%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5883, -12.1226, 12.4166 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 29.5883, -12.1226, 12.4166 by changing the saturation by 10% instead.

■ 29.5883, -12.1226,
12.4166

■ 29.5883, -12.1226,
12.4166

■ 134.7368,
-25.5468, 28.4116

■ 21.4050, -10.4321,
10.2681

■ 48.4003, -15.2785,
16.3248

■ 14.1564, -8.6033,
8.3918

■ 58.9001, -16.7902,
18.1565

■ 7.8090, -9.7797,
5.4663

■ 70.0655, -18.2761,
19.9356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8589, -19.7447,
21.6756

0.0000, NaN, NaN

■ 94.2484, -21.2021,
23.3866

0.0000, NaN, NaN

■ 107.2068,

0.0000, NaN, NaN

-22.6527, 25.0760

0.0000, NaN, NaN

120.7099,
-24.1001, 26.7495

■ 29.5883, -12.1226,
12.4166

■ 29.5883, -12.1226,
12.4166

■ 29.1982, -13.8618,
13.8513

■ 30.0225, -10.2010,
10.6763

■ 28.8499, -15.4122,
14.9830

■ 30.4988, -8.1017,
8.6310

■ 28.5432, -16.7728,
15.8208

■ 31.0178, -5.8338,
6.2862

■ 28.2767, -17.9455,
16.3805

■ 31.5789, -3.4070,
3.6506

■ 28.0432, -18.9690,
16.7659

■ 32.1815, -0.8320,
0.7351

■ 27.9699, -19.2938,
16.8972

■ 32.8246, 1.8803,
-2.4474

■ 33.5072, 4.7185,
-5.8827

■ 34.2283, 7.6715,
-9.5559

■ 34.9866, 10.7285,
-13.4515

Harmonies

Analogous

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



29.5889, -4.0833, 14.2906



29.5883, -12.1226, 12.4166



29.5889, -16.8652, 7.5049

Triad

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



29.5889, -12.1233, 12.4169



29.5889, -8.2346, -19.8163



29.5889, 19.1006, 3.9314

Complementary

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



29.5883, -12.1226, 12.4166



20.3825, 11.8717, -15.3711

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.



29.5889, 17.6183, -5.8189



29.5883, -12.1226, 12.4166



29.5889, 1.0086, -21.7079

Square

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



29.5889, -12.1233, 12.4169



29.5889, -14.8284, -11.3905



29.5889, 10.6828, -15.9477



29.5889, 14.5068, 10.5207

Rectangle

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



29.5883, -12.1226, 12.4166



29.5889, -17.9137, 2.2502



29.5889, 10.6828, -15.9477



29.5889, 19.3062, 0.9564

Sweetspot

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



29.5889, -12.1233, 12.4169



41.1848, -7.0233, 7.5756



25.9428, 2.2254, 9.6337



20.1981, -3.6695, 3.9559



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.5889, -12.1233, 12.4169



38.5630, -18.5822, 18.5122



28.5663, -16.1021, 11.3580



16.2260, -2.0381, 2.1932



34.3688, -23.9702, 20.7582



80.1003, -57.4390, 48.3519

Inverse Universe

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



20.3825, 11.8717, -15.3711



23.8588, 20.1876, -26.9974



22.3923, 17.3280, -11.0999



15.2743, 0.3980, -0.5743



14.1457, 32.1295, -52.1334



32.2885, 74.2585, -126.1374

Previews

White Background



This preview shows how the HunterLab color 29.5883, -12.1226, 12.4166 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

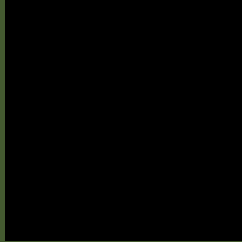
Any Text WCAG AA × Fail

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 29.5883, -12.1226, 12.4166 Background



This preview shows how black text looks on a background with the HunterLab color 29.5883, -12.1226, 12.4166.



This preview shows how white text looks on a background with the HunterLab color 29.5883,

-12.1226, 12.4166.

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

29.5883, -12.1226, 12.4166

Protanopia

29.4263, -2.9679, 12.8724

Deuteranopia

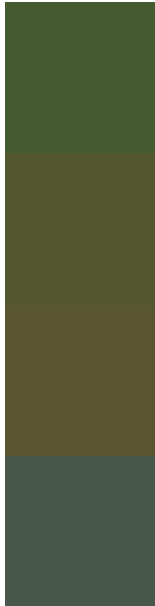
29.5686, 1.5782, 11.9676



Tritanopia

29.5390, -3.3245, -2.1794

Trichromacy



Original Color

29.5883, -12.1226, 12.4166

Protanomaly

29.4954, -6.7845, 12.6503

Deuteranomaly

29.4869, -3.9858, 12.0323

Tritanomaly

29.5227, -7.0125, 4.3374

Monochromacy



Original Color

29.5883, -12.1226, 12.4166

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.4600, -5.6611, 6.0447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5883, -12.1226, 12.4166 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(68, 90, 48)` looks like.

```
.text, #text, p{  
    color:rgb(68, 90, 48)  
}
```

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(68, 90, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 90, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5883, -12.1226, 12.4166 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(68, 90, 48) }
```


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

```
.border{ border-color:rgb(68, 90, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 90, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 90, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 90, 48);  
box-shadow:4px 4px 4px 4px rgb(68, 90, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5883, -12.1226, 12.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 90, 48) }
```

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

```
.background{ background-color: rgb(68, 90,  
48) }
```

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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