

Converting Colors

HunterLab(29.5495, -22.9124,
12.5270)

Have a look what the booklet for
HunterLab(29.5495, -22.9124,
12.5270) contains.

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Color

**HunterLab(29.5747,
-22.9792, 12.6397)**

Conversions

Conversions Part 1

Format	Color
Hex	00612E
RGB	0, 97, 46
RGB Percent	0%, 38%, 18%
CMY	1.0000, 0.6196, 0.8196
CMYK	1.00, 0.00, 0.53, 0.62
HSL	148°, 100%, 19%
HSV	148°, 100%, 38%
XYZ	4.7678, 8.7466, 4.0217
YIQ	62.1830, -41.4410, -36.4250

Conversions

Conversions Part 2

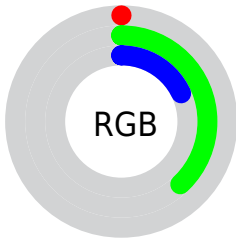
Format	Color
RYB	0, 66, 97
Decimal	24878
CIELab	35.49, -37.55, 22.17
CIELCh	35, 43.605, 149.436
Yxy	8.7470, 0.2719, 0.4988
Android (android.graphics.Color)	4278214958 (0xFF00612E)
YUV	62.1830, -7.9782, -54.5345
Hunter-Lab	29.5747, -22.9792, 12.6397

Details

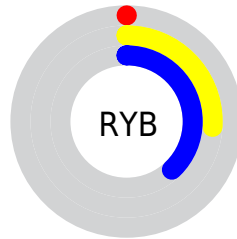
The HunterLab color **29.5747, -22.9792, 12.6397** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.6750, 29.9892, -0.3370**, and the grayscale version is **22.0492, -1.1765, 1.1980**.

A 20% lighter version of the original color is **48.4914, -29.2496, 16.7060**, and **14.8210, -12.7090, 8.9101** is the 20% darker color. If you saturate the color by 10%, you get **29.5753, -22.9797, 12.6401**, and if you desaturate by 10%, it is **29.7527, -22.0934, 11.6820**.

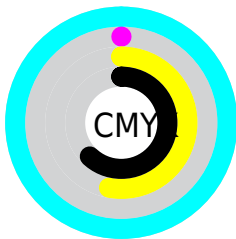
Distribution



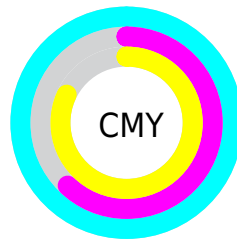
- Red (0%)
- Green (38%)
- Blue (18%)



- Red (0%)
- Yellow (26%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5747, -22.9792, 12.6397 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 29.5747, -22.9792, 12.6397 by changing the saturation by 10% instead.

■ 29.5747, -22.9792,
12.6397

■ 29.5747, -22.9792,
12.6397

134.7141,
-46.8616, 28.9562

■ 21.3928, -19.5383,
10.4370

■ 48.3842, -29.0821,
16.6395

■ 14.1457, -15.7503,
8.5721

■ 58.8830, -31.8778,
18.5109

■ 7.7978, -13.6461,
5.4585

■ 70.0473, -34.5559,
20.3268

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8397, -37.1412,
22.1011

0.0000, NaN, NaN

■ 94.2283, -39.6521,
23.8443

0.0000, NaN, NaN

■ 107.1858,

0.0000, NaN, NaN

-42.1023, 25.5641

0.0000, NaN, NaN

120.6881,
-44.5027, 27.2665

29.5747, -22.9792,
12.6397

29.5747, -22.9792,
12.6397

29.5753, -22.9797,
12.6401

29.7527, -22.0934,
11.6820

29.9662, -21.0485,
10.6427

30.2533, -19.6961,
9.5611

30.6191, -18.0260,
8.4505

31.0673, -16.0382,
7.3242

■ 31.5999, -13.7412,
6.1953

■ 32.2178, -11.1508,
5.0759

■ 32.9205, -8.2878,
3.9771

■ 33.7070, -5.1768,
2.9086

Harmonies

Analogous

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



29.5753, -14.7555, 17.1248



29.5747, -22.9792, 12.6397



29.5753, -25.7227, 1.8854

Triad

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



29.5753, -22.9795, 12.6399



29.5753, -1.8701, -42.5992



29.5753, 28.8342, 12.3669

Complementary

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



29.5747, -22.9792, 12.6397



16.6750, 29.9892, -0.3370

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.



29.5753, 34.1824, 1.3317



29.5747, -22.9792, 12.6397



29.5753, 14.4028, -34.8653

Square

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



29.5753, -22.9795, 12.6399



29.5753, -15.1655, -34.3028



29.5753, 28.4357, -16.5657



29.5753, 15.0108, 17.0333

Rectangle

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



29.5747, -22.9792, 12.6397



29.5753, -24.6203, -9.3647



29.5753, 28.4357, -16.5657



29.5753, 31.7944, 9.5245

Sweetspot

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



29.5753, -22.9795, 12.6399



42.1048, -14.9100, 6.7727



30.4512, -20.0094, 18.4135



20.8592, -7.9344, 3.5860



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



29.5753, -22.9795, 12.6399



38.6949, -30.2433, 16.9212



30.5838, -16.8406, -1.8729



16.9533, -2.4144, 1.3999



34.4840, -26.8892, 14.9440



79.5934, -62.8357, 36.1595

Inverse Universe

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



16.6750, 29.9892, -0.3370



21.7853, 39.0971, 0.2083



15.9644, 27.3832, 9.9715



16.1552, 0.7039, 0.4230



19.4257, 34.8921, -0.0448



44.6989, 79.9198, 2.7472

Previews

White Background



This preview shows how the HunterLab color 29.5747, -22.9792, 12.6397 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 29.5747, -22.9792, 12.6397 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 29.5747, -22.9792, 12.6397 Background



This preview shows how black text looks on a background with the HunterLab color 29.5747, -22.9792, 12.6397.



This preview shows how white text looks on a background with the HunterLab color 29.5747,

-22.9792, 12.6397.

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

29.5747, -22.9792, 12.6397

Protanopia

29.6363, -3.6682, 13.8153

Deuteranopia

29.5539, 1.4988, 12.1834



Tritanopia

29.6565, -11.0152, -5.5182

Trichromacy



Original Color

29.5747, -22.9792, 12.6397

Protanomaly

28.7210, -14.1401, 12.7322

Deuteranomaly

28.2264, -11.4751, 11.0886

Tritanomaly

29.3293, -16.3983, 2.4433

Monochromacy



Original Color

29.5747, -22.9792, 12.6397

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.9771, -11.6858, 5.3184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5747, -22.9792, 12.6397 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(0, 97, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 46)  
}
```

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(0, 97, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5747, -22.9792, 12.6397 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(0, 97, 46) }
```


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

```
.border{ border-color:rgb(0, 97, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 46); box-shadow:4px  
4px 4px 4px rgb(0, 97, 46) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5747, -22.9792, 12.6397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 46) }
```

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

```
.background{ background-color: rgb(0, 97,  
46) }
```

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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