

Converting Colors

HunterLab(29.6455, -17.5729,
12.2344)

Have a look what the booklet for
HunterLab(29.6455, -17.5729,
12.2344) contains.

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Color

**HunterLab(29.7178,
-17.5928, 12.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5E31
RGB	47, 94, 49
RGB Percent	18%, 37%, 19%
CMY	0.8157, 0.6314, 0.8078
CMYK	0.50, 0.00, 0.48, 0.63
HSL	123°, 33%, 28%
HSV	123°, 50%, 37%
XYZ	5.7294, 8.8315, 4.3084
YIQ	74.8170, -13.5670, -23.9590

Conversions

Conversions Part 2

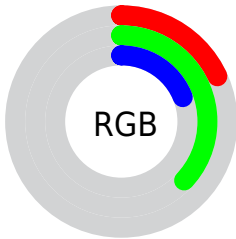
Format	Color
R_{YB}	47, 92, 94
Decimal	3104305
CIE _{Lab}	35.66, -26.62, 20.91
CIE _{LCh}	36, 33.850, 141.843
Yxy	8.8318, 0.3036, 0.4680
Android (android.graphics.Color)	4281294385 (0xFF2F5E31)
YUV	74.8170, -12.7278, -24.3955
Hunter-Lab	29.7178, -17.5928, 12.2068

Details

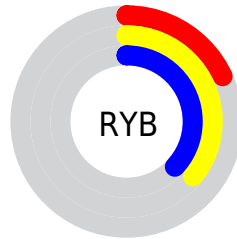
The HunterLab color $[29.7178, -17.5928, 12.2068]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.7718, 19.4457, -11.9909]$, and the grayscale version is $[26.5081, -1.4144, 1.4402]$.

A 20% lighter version of the original color is $[48.6176, -22.0539, 16.0763]$, and $[14.2815, -12.0820, 8.2310]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2634, -19.6717, 13.6201]$, and if you desaturate by 10%, it is $[30.2714, -15.1186, 10.5478]$.

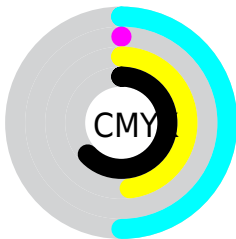
Distribution



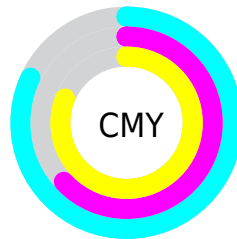
- Red (18%)
- Green (37%)
- Blue (19%)



- Red (18%)
- Yellow (36%)
- Blue (37%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7178, -17.5928, 12.2068 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 29.7178, -17.5928, 12.2068 by changing the saturation by 10% instead.

■ 29.7178, -17.5928,
12.2068

■ 29.7178, -17.5928,
12.2068

134.9513,
-35.8635, 27.8632

■ 21.5213, -15.0987,
10.1167

■ 48.5528, -22.1065,
16.0174

■ 14.2577, -12.3349,
8.2114

■ 59.0630, -24.2119,
17.8071

■ 7.9147, -13.8508,
5.5403

■ 70.2380, -26.2502,
19.5475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0406, -28.2370,
21.2516

0.0000, NaN, NaN

■ 94.4389, -30.1840,
22.9288

0.0000, NaN, NaN

■ 107.4056,

0.0000, NaN, NaN

-32.0999, 24.5865

0.0000, NaN, NaN

120.9167,
-33.9913, 26.2298

■ 29.7178, -17.5928,
12.2068

■ 29.7178, -17.5928,
12.2068

■ 29.2634, -19.6717,
13.6201

■ 30.2714, -15.1186,
10.5478

■ 28.9039, -21.3429,
14.7776

■ 30.9230, -12.2690,
8.6581

■ 28.6358, -22.6085,
15.6778

■ 31.6726, -9.0738,
6.5577

■ 28.4525, -23.4855,
16.3276

■ 32.5182, -5.5671,
4.2697

■ 28.3099, -24.1652,
16.7807

■ 33.4569, -1.7855,
1.8180

■ 34.4854, 2.2339,
-0.7735

■ 35.5994, 6.4553,
-3.4819

■ 36.7948, 10.8457,
-6.2863

■ 38.0670, 15.3753,
-9.1681

Harmonies

Analogous

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



29.7184, -9.6681, 15.6011



29.7178, -17.5928, 12.2068



29.7184, -21.0958, 4.5568

Triad

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



29.7184, -17.5933, 12.2070



29.7184, -4.7799, -29.2028



29.7184, 22.9098, 8.6598

Complementary

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



29.7178, -17.5928, 12.2068



22.7718, 19.4457, -11.9909

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.



29.7184, 24.7719, -1.6562



29.7178, -17.5928, 12.2068



29.7184, 7.4614, -26.6907

Square

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



29.7184, -17.5933, 12.2070



29.7184, -14.5012, -21.2348



29.7184, 18.7415, -15.3180



29.7184, 13.9952, 14.1897

Rectangle

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



29.7178, -17.5928, 12.2068



29.7184, -20.9101, -3.2310



29.7184, 18.7415, -15.3180



29.7184, 24.4323, 5.7660

Sweetspot

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



29.7184, -17.5933, 12.2070



42.4019, -9.9506, 7.3333



32.4172, -7.3208, 14.9285



20.6825, -5.1777, 3.7900



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.7184, -17.5933, 12.2070



38.6241, -26.4831, 18.3336



30.1311, -15.1287, 6.2150



16.0862, -2.5282, 1.9643



33.2967, -28.4423, 19.7807



77.8957, -66.6942, 46.6107

Inverse Universe

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



22.7718, 19.4457, -11.9909



27.7464, 32.0250, -19.8206



22.0038, 15.8854, -1.3053



15.4300, 0.9148, -0.2911



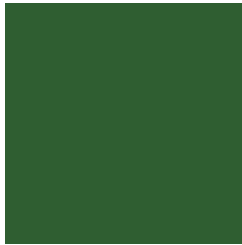
20.7657, 40.4716, -24.6406



48.5587, 94.5854, -57.2044

Previews

White Background



This preview shows how the HunterLab color 29.7178, -17.5928, 12.2068 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

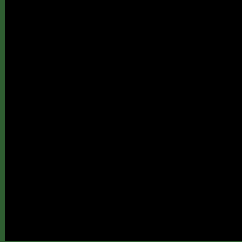
Any Text WCAG AA × Fail

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 29.7178, -17.5928, 12.2068 Background



This preview shows how black text looks on a background with the HunterLab color 29.7178, -17.5928, 12.2068.



This preview shows how white text looks on a background with the HunterLab color 29.7178,

-17.5928, 12.2068.

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

29.7178, -17.5928, 12.2068

Protanopia

29.6739, -3.4598, 13.2640

Deuteranopia

29.5837, 1.6591, 11.7473



Tritanopia

29.7643, -7.8826, -3.8413

Trichromacy



Original Color

29.7178, -17.5928, 12.2068

Protanomaly

29.5181, -9.5484, 12.8300

Deuteranomaly

29.1296, -6.6155, 11.4590

Tritanomaly

29.6708, -12.0945, 3.2899

Monochromacy



Original Color

29.7178, -17.5928, 12.2068

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.4805, -7.9443, 5.6738

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7178, -17.5928, 12.2068 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(47, 94, 49)` looks like.

```
.text, #text, p{  
    color:rgb(47, 94, 49)  
}
```

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(47, 94, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 94, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7178, -17.5928, 12.2068 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(47, 94, 49) }
```


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

```
.border{ border-color:rgb(47, 94, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 94, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 94, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 94, 49);  
box-shadow:4px 4px 4px 4px rgb(47, 94, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7178, -17.5928, 12.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 94, 49) }
```

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

```
.background{ background-color: rgb(47, 94,  
49) }
```

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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