

Converting Colors

HunterLab(29.7189, -17.7789,
12.6268)

Have a look what the booklet for
HunterLab(29.7189, -17.7789,
12.6268) contains.

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Color

**HunterLab(29.6900,
-17.7601, 12.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5E2F
RGB	47, 94, 47
RGB Percent	18%, 37%, 18%
CMY	0.8157, 0.6314, 0.8157
CMYK	0.50, 0.00, 0.50, 0.63
HSL	120°, 33%, 28%
HSV	120°, 50%, 37%
XYZ	5.6881, 8.8150, 4.0910
YIQ	74.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

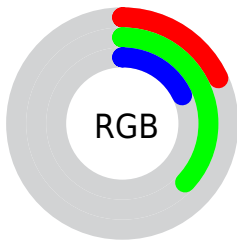
Format	Color
R_{YB}	47, 94, 94
Decimal	3104303
CIE _{Lab}	35.63, -26.95, 22.02
CIE _{LCh}	36, 34.804, 140.744
Yxy	8.8153, 0.3059, 0.4741
Android (android.graphics.Color)	4281294383 (0xFF2F5E2F)
YUV	74.5890, -13.6014, -24.1956
Hunter-Lab	29.6900, -17.7601, 12.6135

Details

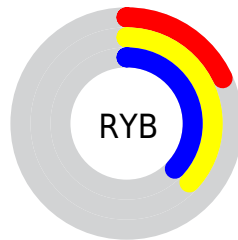
The HunterLab color $[29.6900, -17.7601, 12.6135]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.8496, 19.8003, -13.0525]$, and the grayscale version is $[26.4295, -1.4102, 1.4360]$.

A 20% lighter version of the original color is $[48.5802, -22.2740, 16.6207]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2363, -19.8368, 14.0174]$, and if you desaturate by 10%, it is $[30.2449, -15.2756, 10.9338]$.

Distribution



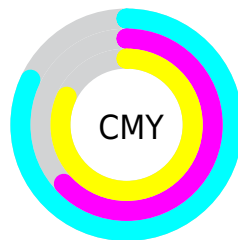
- Red (18%)
- Green (37%)
- Blue (18%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6900, -17.7601, 12.6135 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 29.6900, -17.7601, 12.6135 by changing the saturation by 10% instead.

■ 29.6900, -17.7601,
12.6135

■ 29.6900, -17.7601,
12.6135

134.9052,
-36.2000, 28.8466

■ 21.4963, -15.2373,
10.4262

■ 48.5201, -22.3218,
16.5884

■ 14.2359, -12.4397,
8.5331

■ 59.0280, -24.4480,
18.4494

■ 7.8922, -13.8113,
5.5245

■ 70.2010, -26.5055,
20.2557

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0016, -28.5104,
22.0213

0.0000, NaN, NaN

■ 94.3980, -30.4744,
23.7563

0.0000, NaN, NaN

■ 107.3629,

0.0000, NaN, NaN

-32.4064, 25.4686

0.0000, NaN, NaN

120.8723,
-34.3131, 27.1638

■ 29.6900, -17.7601,
12.6135

■ 29.6900, -17.7601,
12.6135

■ 29.2363, -19.8368,
14.0174

■ 30.2449, -15.2756,
10.9338

■ 28.8795, -21.4936,
15.1377

■ 30.9000, -12.4033,
8.9923

■ 28.6156, -22.7343,
15.9767

■ 31.6551, -9.1735,
6.8096

■ 28.4376, -23.5785,
16.5475

■ 32.5084, -5.6215,
4.4095

■ 28.2944, -24.2624,
17.0101

■ 33.4569, -1.7854,
1.8179

■ 34.4971, 2.2966,
-0.9392

■ 35.6246, 6.5872,
-3.8366

■ 36.8351, 11.0523,
-6.8512

■ 38.1239, 15.6607,
-9.9618

Harmonies

Analogous

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



29.6906, -9.5023, 15.8911



29.6900, -17.7601, 12.6135



29.6906, -21.4980, 5.0098

Triad

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



29.6906, -17.7606, 12.6137



29.6906, -5.2926, -30.2409



29.6906, 23.9082, 8.5279

Complementary

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



29.6900, -17.7601, 12.6135



22.8496, 19.8003, -13.0525

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.



29.6906, 25.5286, -2.2324



29.6900, -17.7601, 12.6135



29.6906, 7.2582, -28.0360

Square

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



29.6906, -17.7606, 12.6137



29.6906, -15.1107, -21.5972



29.6906, 19.0220, -16.4220



29.6906, 14.8995, 14.2869

Rectangle

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



29.6900, -17.7601, 12.6135



29.6906, -21.4217, -2.8884



29.6906, 19.0220, -16.4220



29.6906, 25.3866, 5.5096

Sweetspot

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



29.6906, -17.7606, 12.6137



42.3831, -10.0572, 7.6041



32.5434, -6.8609, 15.0333



20.6726, -5.2337, 3.9322



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.



29.6906, -17.7606, 12.6137



38.5887, -26.6992, 18.8529



30.0976, -15.3277, 6.6991



16.0819, -2.5521, 2.0257



33.2813, -28.5387, 20.0081



77.8815, -66.7834, 46.8210

Inverse Universe

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



22.8496, 19.8003, -13.0525



27.8840, 32.6117, -21.6738



22.0486, 16.0953, -1.9373



15.4350, 0.9414, -0.3617



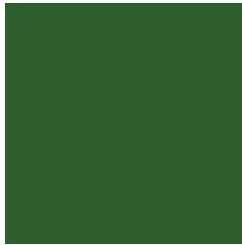
21.0018, 41.2901, -27.6995



49.1461, 96.6228, -64.8193

Previews

White Background



This preview shows how the HunterLab color 29.6900, -17.7601, 12.6135 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

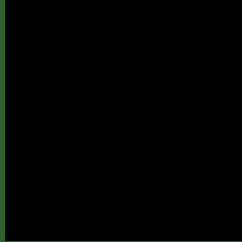
Any Text WCAG AA × Fail

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 29.6900, -17.7601, 12.6135 Background



This preview shows how black text looks on a background with the HunterLab color 29.6900, -17.7601, 12.6135.



This preview shows how white text looks on a background with the HunterLab color 29.6900,

-17.7601, 12.6135.

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

29.6900, -17.7601, 12.6135

Protanopia

29.6486, -3.6004, 13.6358

Deuteranopia

29.5686, 1.5782, 11.9676



Tritanopia

29.7643, -7.8826, -3.8413

Trichromacy



Original Color

29.6900, -17.7601, 12.6135

Protanomaly

29.4920, -9.6986, 13.2126

Deuteranomaly

29.1146, -6.7002, 11.6778

Tritanomaly

29.6464, -12.2367, 3.6390

Monochromacy



Original Color

29.6900, -17.7601, 12.6135

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.4592, -8.0660, 5.9808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6900, -17.7601, 12.6135 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, 47)` looks like.

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

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, 47) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 29.6900, -17.7601, 12.6135 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, 47) }
```


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

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

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, 47) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 29.6900, -17.7601, 12.6135 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, 47) }
```

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

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

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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