

Converting Colors

HunterLab(30.3043, -18.3467,
12.8812)

Have a look what the booklet for
HunterLab(30.3043, -18.3467,
12.8812) contains.

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Color

**HunterLab(30.3043,
-18.3467, 12.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6030
RGB	47, 96, 48
RGB Percent	18%, 38%, 19%
CMY	0.8157, 0.6235, 0.8118
CMYK	0.51, 0.00, 0.50, 0.62
HSL	121°, 34%, 28%
HSV	121°, 51%, 38%
XYZ	5.8887, 9.1835, 4.2586
YIQ	75.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

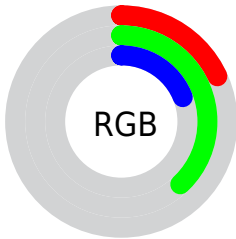
Format	Color
R_{YB}	47, 95, 96
Decimal	3104816
CIE _{Lab}	36.34, -27.74, 22.34
CIE _{LCh}	36, 35.617, 141.145
Yxy	9.1839, 0.3046, 0.4751
Android (android.graphics.Color)	4281294896 (0xFF2F6030)
YUV	75.8770, -13.7434, -25.3251
Hunter-Lab	30.3043, -18.3467, 12.8812




Details

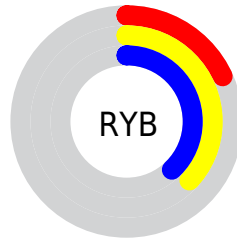
The HunterLab color $[30.3043, -18.3467, 12.8812]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[23.1219, 20.5724, -13.1545]$, and the grayscale version is $[26.8912, -1.4348, 1.4610]$.




A 20% lighter version of the original color is $[49.2291, -22.9549, 16.8938]$, and $[14.8358, -12.6162, 8.6914]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.8508, -20.4266, 14.2930]$, and if you desaturate by 10%, it is $[30.8606, -15.8519, 11.1995]$.

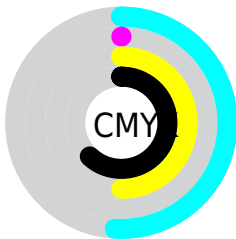
Distribution







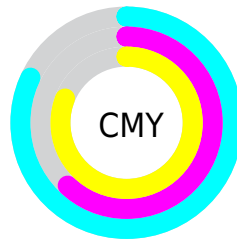
-  Red (18%)
-  Green (38%)
-  Blue (19%)






-  Red (18%)
-  Yellow (37%)
-  Blue (38%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3043, -18.3467, 12.8812 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 30.3043, -18.3467, 12.8812 by changing the saturation by 10% instead.

■ 30.3043, -18.3467,
12.8812

■ 30.3043, -18.3467,
12.8812

135.9205,
-37.1426, 29.2506

■ 22.0484, -15.7734,
10.6787

■ 49.2430, -23.0014,
16.8885

■ 14.7178, -12.9234,
8.6630

■ 59.7995, -25.1705,
18.7656

■ 8.3751, -14.6565,
5.8626

■ 71.0181, -27.2687,
20.5876

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.8620, -29.3125,
22.3685

0.0000, NaN, NaN

■ 95.2996, -31.3137,
24.1184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.3039,

-33.2813, 25.8450

0.0000, NaN, NaN

121.8512,
-35.2225, 27.5542

■ 30.3043, -18.3467,
12.8812

■ 30.3043, -18.3467,
12.8812

■ 29.8508, -20.4266,
14.2930

■ 30.8606, -15.8519,
11.1995

■ 29.4955, -22.0805,
15.4266

■ 31.5188, -12.9618,
9.2620

■ 29.2343, -23.3132,
16.2835

■ 32.2789, -9.7064,
7.0894

■ 29.0592, -24.1479,
16.8749

■ 33.1391, -6.1211,
4.7054

■ 28.9317, -24.7559,
17.2788

■ 34.0965, -2.2442,
2.1357

■ 35.1475, 1.8853,
-0.5939

■ 36.2879, 6.2297,
-3.4584

■ 37.5132, 10.7539,
-6.4349

■ 38.8188, 15.4263,
-9.5027

Harmonies

Analogous

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



30.3049, -9.9127, 16.2782



30.3043, -18.3467, 12.8812



30.3049, -22.1229, 5.0035

Triad

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



30.3049, -18.3472, 12.8814



30.3049, -5.2772, -31.3292



30.3049, 24.6040, 8.8730

Complementary

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



30.3043, -18.3467, 12.8812



23.1219, 20.5724, -13.1545

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.



30.3049, 26.3937, -2.1378



30.3043, -18.3467, 12.8812



30.3049, 7.6761, -28.8879

Square

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



30.3049, -18.3472, 12.8814



30.3049, -15.4335, -22.5046



30.3049, 19.7735, -16.7802



30.3049, 15.2229, 14.7131

Rectangle

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



30.3043, -18.3467, 12.8812



30.3049, -22.0024, -3.1786



30.3049, 19.7735, -16.7802



30.3049, 26.1681, 5.7945

Sweetspot

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



30.3049, -18.3472, 12.8814



43.3410, -10.2465, 7.6527



33.1877, -7.3335, 15.5171



21.5142, -5.4491, 4.0416



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.



30.3049, -18.3472, 12.8814



39.4127, -27.4736, 19.2164



30.7287, -15.8112, 6.7235



16.9035, -2.6920, 2.1127



34.1139, -29.2001, 20.3952



78.8381, -67.5551, 47.2912

Inverse Universe

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



23.1219, 20.5724, -13.1545



28.2317, 33.6558, -21.6399



22.2955, 16.7684, -1.6800



16.2104, 1.0002, -0.3608



21.4048, 41.9064, -26.8658



49.4567, 96.8008, -61.8765

Previews

White Background



This preview shows how the HunterLab color 30.3043, -18.3467, 12.8812 looks on a white background.

Color Contrast Check

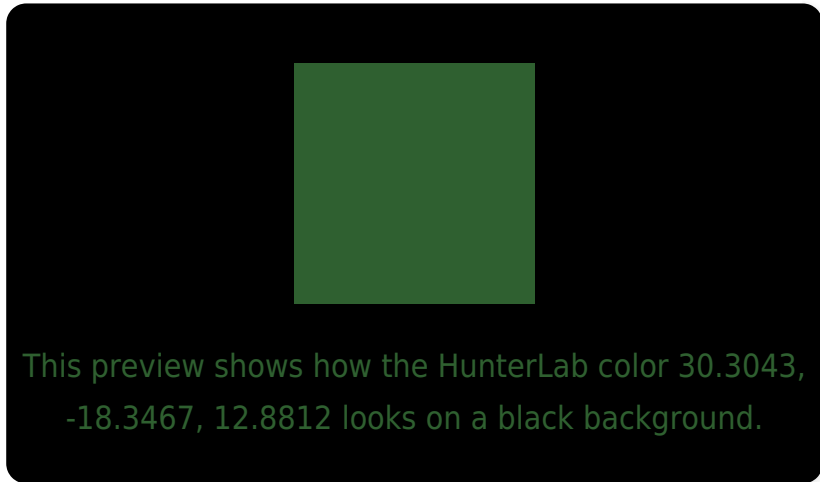
Large Text (above 18pt) WCAG AA ✓ Pass

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

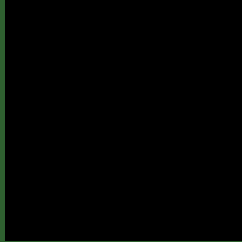
Any Text WCAG AA × Fail

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 30.3043, -18.3467, 12.8812 Background



This preview shows how black text looks on a background with the HunterLab color 30.3043, -18.3467, 12.8812.



This preview shows how white text looks on a background with the HunterLab color 30.3043,

-18.3467, 12.8812.

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

30.3043, -18.3467, 12.8812

Protanopia

30.0974, -3.3313, 13.7934

Deuteranopia

30.0272, 1.8798, 12.1207



Tritanopia

30.4361, -8.1596, -3.8981

Trichromacy



Original Color

30.3043, -18.3467, 12.8812

Protanomaly

29.8530, -9.7502, 13.2939

Deuteranomaly

29.5527, -6.4613, 11.8136

Tritanomaly

30.3186, -12.5302, 3.6212

Monochromacy



Original Color

30.3043, -18.3467, 12.8812

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.7555, -8.3350, 5.9466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3043, -18.3467, 12.8812 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, 96, 48)` looks like.

```
.text, #text, p{  
    color:rgb(47, 96, 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(47, 96, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 96, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3043, -18.3467, 12.8812 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, 96, 48) }
```


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

```
.border{ border-color:rgb(47, 96, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 96, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 96, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 96, 48);  
box-shadow:4px 4px 4px 4px rgb(47, 96, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3043, -18.3467, 12.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 96, 48) }
```

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

```
.background{ background-color: rgb(47, 96,  
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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