

Converting Colors

HunterLab(36.0102, -18.6364,
2.8517)

Have a look what the booklet for
HunterLab(36.0102, -18.6364,
2.8517) contains.

HunterLab(36.0034, -18.6150, 2.8301)	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(36.0034,
-18.6150, 2.8301)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7062
RGB	42, 112, 98
RGB Percent	16%, 44%, 38%
CMY	0.8353, 0.5608, 0.6157
CMYK	0.62, 0.00, 0.13, 0.56
HSL	168°, 45%, 30%
HSV	168°, 62%, 44%
XYZ	8.9536, 12.9624, 13.5854
YIQ	89.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

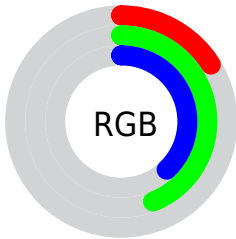
Format	Color
R_YB	42, 81, 112
Decimal	2781282
CIE _{Lab}	42.71, -25.54, 1.28
CIE _{LCh}	43, 25.573, 177.131
Yxy	12.9630, 0.2522, 0.3651
Android (android.graphics.Color)	4280971362 (0xFF2A7062)
YUV	89.4740, 4.2033, -41.6347
Hunter-Lab	36.0034, -18.6150, 2.8301

Details

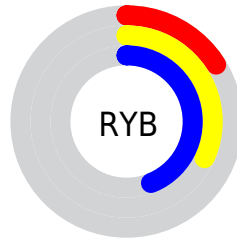
The HunterLab color **36.0034, -18.6150, 2.8301** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.2090, 22.6374, 5.1385**, and the grayscale version is **31.7770, -1.6955, 1.7265**.

A 20% lighter version of the original color is **55.8638, -22.5956, 3.8498**, and **19.7857, -12.4927, 2.2377** is the 20% darker color. If you saturate the color by 10%, you get **35.6611, -20.0916, 3.3195**, and if you desaturate by 10%, it is **36.4362, -16.8055, 2.4390**.

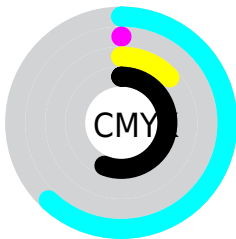
Distribution



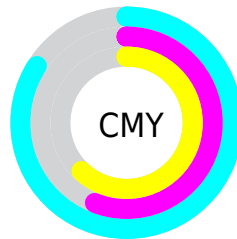
- Red (16%)
- Green (44%)
- Blue (38%)



- Red (16%)
- Yellow (32%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0034, -18.6150, 2.8301 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 36.0034, -18.6150, 2.8301 by changing the saturation by 10% instead.

■ 36.0034, -18.6150,
2.8301

■ 36.0034, -18.6150,
2.8301

145.1482,
-36.0329, 9.2973

■ 27.2085, -16.3343,
2.2721

■ 55.8903, -22.8297,
4.0537

■ 19.2754, -13.8665,
1.7516

■ 66.8733, -24.8231,
4.7150

■ 12.3113, -11.1983,
1.2710

■ 78.4942, -26.7651,
5.4075

■ 5.4747, -9.5807,
1.2672

■ 90.7197, -28.6676,
6.1299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5213,
-30.5395, 6.8811

0.0000, NaN, NaN

■ 116.8741,

0.0000, NaN, NaN

-32.3877, 7.6600

0.0000, NaN, NaN

130.7562,
-34.2174, 8.4656

■ 36.0034, -18.6150,
2.8301

■ 36.0034, -18.6150,
2.8301

■ 35.6611, -20.0916,
3.3195

■ 36.4362, -16.8055,
2.4390

■ 35.4019, -21.2445,
3.8956

■ 36.9611, -14.6624,
2.1528

■ 35.2182, -22.0981,
4.5449

■ 37.5810, -12.1944,
1.9771

■ 35.1001, -22.6595,
5.0432

■ 38.2966, -9.4168,
1.9146

■ 39.1078, -6.3501,
1.9658

■ 40.0130, -3.0184,
2.1291

■ 41.0104, 0.5519,
2.4013

■ 42.0971, 4.3339,
2.7779

■ 43.2700, 8.3010,
3.2532

Harmonies

Analogous

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



36.0041, -16.1949, 10.2699



36.0034, -18.6150, 2.8301



36.0041, -16.9669, -7.0352

Triad

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



36.0041, -18.6153, 2.8305



36.0041, 6.9175, -17.5085



36.0041, 8.6893, 13.8388

Complementary

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



36.0034, -18.6150, 2.8301



23.2090, 22.6374, 5.1385

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.



36.0041, 16.0856, 9.1036



36.0034, -18.6150, 2.8301



36.0041, 14.9895, -8.9724

Square

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



36.0041, -18.6153, 2.8305



36.0041, -2.8453, -20.4485



36.0041, 18.5030, 1.0668



36.0041, -0.9913, 15.4885

Rectangle

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



36.0034, -18.6150, 2.8301



36.0041, -13.6760, -13.4904



36.0041, 18.5030, 1.0668



36.0041, 11.5624, 12.6283

Sweetspot

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



36.0041, -18.6153, 2.8305



51.0678, -11.3004, 2.5422



35.5399, -22.4697, 17.8514



24.9162, -5.9756, 1.2437



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.0041, -18.6153, 2.8305



47.0987, -27.3637, 4.7275



30.5709, -8.4141, -11.0407



19.5046, -2.5803, 0.9948



37.7348, -24.3890, 5.4836



84.1471, -54.8825, 13.2991

Inverse Universe

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



23.2090, 22.6374, 5.1385



27.6420, 36.5261, 9.0456



26.5321, 12.8672, 11.6786



18.4700, 0.6257, 1.1096



20.1201, 34.7835, 10.4649



44.7924, 77.2125, 25.0366

Previews

White Background



This preview shows how the HunterLab color 36.0034, -18.6150, 2.8301 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 × Fail

Black Background



This preview shows how the HunterLab color 36.0034, -18.6150, 2.8301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

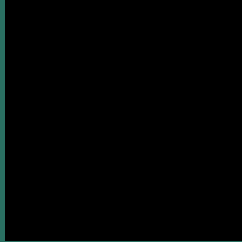
Any Text WCAG AA × Fail

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 36.0034, -18.6150, 2.8301 Background



This preview shows how black text looks on a background with the HunterLab color 36.0034, -18.6150, 2.8301.



This preview shows how white text looks on a background with the HunterLab color 36.0034,

-18.6150, 2.8301.

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

36.0034, -18.6150, 2.8301

Protanopia

35.7949, -2.0300, 5.6270

Deuteranopia

35.7826, 2.5000, 1.6926



Tritanopia

35.9491, -12.9891, -6.3435

Trichromacy



Original Color

36.0034, -18.6150, 2.8301

Protanomaly

35.2961, -9.3549, 3.7970

Deuteranomaly

35.1485, -6.6729, 1.2039

Tritanomaly

35.9220, -15.0733, -2.9510

Monochromacy



Original Color

36.0034, -18.6150, 2.8301

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.7106, -8.7915, 1.6496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0034, -18.6150, 2.8301 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(42, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(42, 112, 98)  
}
```

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(42, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 112, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0034, -18.6150, 2.8301 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(42, 112, 98) }
```


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

```
.border{ border-color:rgb(42, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(42, 112,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0034, -18.6150, 2.8301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 112, 98) }
```

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

```
.background{ background-color: rgb(42, 112,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor