

Converting Colors

HunterLab(28.5466, -18.1206,
13.9363)

Have a look what the booklet for
HunterLab(28.5466, -18.1206,
13.9363) contains.

HunterLab(28.5289, -18.1212, 13.9575)	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(28.5289,
-18.1212, 13.9575)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5B23
RGB	44, 91, 35
RGB Percent	17%, 36%, 14%
CMY	0.8275, 0.6431, 0.8627
CMYK	0.52, 0.00, 0.62, 0.64
HSL	110°, 44%, 25%
HSV	110°, 62%, 36%
XYZ	5.0832, 8.1390, 2.8932
YIQ	70.5630, -10.0360, -27.3800

Conversions

Conversions Part 2

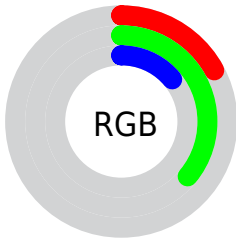
Format	Color
R _Y B	35, 91, 82
Decimal	2906915
CIE Lab	34.27, -28.30, 26.99
CIE LCh	34, 39.112, 136.359
Yxy	8.1393, 0.3154, 0.5050
Android (android.graphics.Color)	4281096995 (0xFF2C5B23)
YUV	70.5630, -17.5326, -23.2958
Hunter-Lab	28.5289, -18.1212, 13.9575

Details

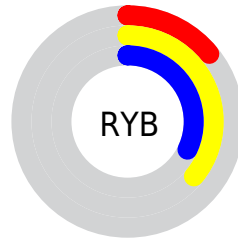
The HunterLab color $[28.5289, -18.1212, 13.9575]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[19.3688, 21.1181, -17.9940]$, and the grayscale version is $[25.0102, -1.3345, 1.3589]$.

A 20% lighter version of the original color is $[47.2598, -22.9825, 18.7043]$, and $[13.4215, -11.5089, 8.0688]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.1749, -19.7395, 14.9713]$, and if you desaturate by 10%, it is $[28.9579, -16.1856, 12.6610]$.

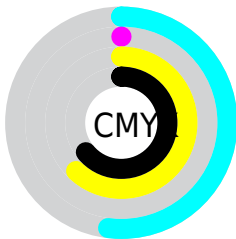
Distribution



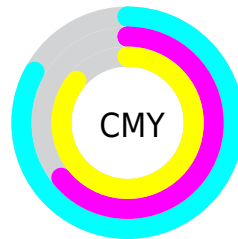
- Red (17%)
- Green (36%)
- Blue (14%)



- Red (14%)
- Yellow (36%)
- Blue (32%)



- Cyan (52%)
- Magenta (0%)
- Yellow (62%)
- Black (64%)



- Cyan (83%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5289, -18.1212, 13.9575 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 28.5289, -18.1212, 13.9575 by changing the saturation by 10% instead.

■ 28.5289, -18.1212,
13.9575

■ 28.5289, -18.1212,
13.9575

132.9740,
-37.3260, 32.8926

■ 20.4554, -15.4514,
11.3030

■ 47.1499, -22.9135,
18.7148

■ 13.3310, -12.4738,
9.3317

■ 57.5644, -25.1354,
20.9119

■ 6.8765, -12.0339,
4.8136

■ 68.6496, -27.2798,
23.0272

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.3671, -29.3646,
25.0795

0.0000, NaN, NaN

■ 92.6845, -31.4028,
27.0829

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5739,

-33.4044, 29.0478

0.0000, NaN, NaN

119.0108,
-35.3768, 30.9822

28.5289, -18.1212,
13.9575

28.5289, -18.1212,
13.9575

28.1749, -19.7395,
14.9713

28.9579, -16.1856,
12.6610

27.8919, -21.0372,
15.7085

29.4613, -13.9409,
11.0824

27.6762, -22.0254,
16.1946

30.0398, -11.4031,
9.2296

27.5335, -22.6913,
16.5687

30.6928, -8.5926,
7.1156

31.4189, -5.5329,
4.7571

■ 32.2164, -2.2490,
2.1733

■ 33.0828, 1.2335,
-0.6152

■ 34.0155, 4.8894,
-3.5875

■ 35.0116, 8.6950,
-6.7232

Harmonies

Analogous

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



28.5295, -8.5370, 16.6131



28.5289, -18.1212, 13.9575



28.5295, -22.7880, 6.8295

Triad

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



28.5295, -18.1217, 13.9577



28.5295, -7.4458, -34.8550



28.5295, 28.2323, 7.7207

Complementary

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



28.5289, -18.1212, 13.9575



19.3688, 21.1181, -17.9940

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.



28.5295, 28.6760, -4.9752



28.5289, -18.1212, 13.9575



28.5295, 6.2400, -34.2241

Square

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



28.5295, -18.1217, 13.9577



28.5295, -17.4527, -23.0241



28.5295, 20.0294, -21.5693



28.5295, 18.9117, 14.3455

Rectangle

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



28.5289, -18.1212, 13.9575



28.5295, -23.1792, -1.3488



28.5295, 20.0294, -21.5693



28.5295, 29.4774, 4.1787

Sweetspot

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



28.5295, -18.1217, 13.9577



40.4054, -10.0749, 8.4167



28.8623, -3.4426, 14.4578



19.7771, -5.3250, 4.4226



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.5295, -18.1217, 13.9577



36.6528, -26.6676, 20.0772



28.4659, -17.8818, 10.0431



16.1298, -2.3807, 2.0816



33.4686, -27.7397, 20.1375



78.1469, -65.6491, 47.0045

Inverse Universe

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



19.3688, 21.1181, -17.9940



22.6932, 33.7497, -29.6381



19.7450, 20.5583, -6.0556



15.3800, 0.7562, -0.4341



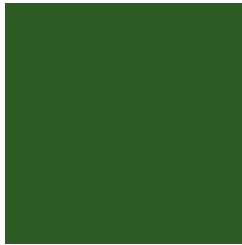
18.4257, 37.6230, -35.1350



42.7448, 87.5264, -83.4211

Previews

White Background



This preview shows how the HunterLab color 28.5289, -18.1212, 13.9575 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

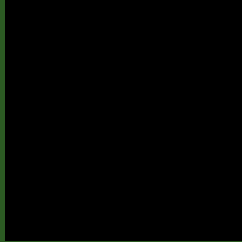
Any Text WCAG AA × Fail

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 28.5289, -18.1212, 13.9575 Background



This preview shows how black text looks on a background with the HunterLab color 28.5289, -18.1212, 13.9575.



This preview shows how white text looks on a background with the HunterLab color 28.5289, -18.1212, 13.9575.

-18.1212, 13.9575.

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

28.5289, -18.1212, 13.9575

Protanopia

28.3112, -3.2299, 14.5270

Deuteranopia

28.2277, 1.7988, 13.3936



Tritanopia

28.4287, -7.3315, -3.7275

Trichromacy



Original Color

28.5289, -18.1212, 13.9575

Protanomaly

28.0480, -9.6745, 14.0722

Deuteranomaly

27.7256, -6.5643, 13.0481

Tritanomaly

28.2403, -12.0599, 4.6749

Monochromacy



Original Color

28.5289, -18.1212, 13.9575

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.9738, -8.2571, 6.7228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5289, -18.1212, 13.9575 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(44, 91, 35)` looks like.

```
.text, #text, p{  
    color:rgb(44, 91, 35)  
}
```

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(44, 91, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 91, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5289, -18.1212, 13.9575 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(44, 91, 35) }
```


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

```
.border{ border-color:rgb(44, 91, 35) }
```

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

Here you see how a box with a 4 pixel rgb(44, 91, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 91, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 91, 35);  
box-shadow:4px 4px 4px 4px rgb(44, 91, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.5289, -18.1212, 13.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 91, 35) }
```

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

```
.background{ background-color: rgb(44, 91,  
35) }
```

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