

Converting Colors

HunterLab(29.1156, -18.2156,
10.2354)

Have a look what the booklet for
HunterLab(29.1156, -18.2156,
10.2354) contains.

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Color

**HunterLab(29.1198,
-18.2783, 10.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	245D37
RGB	36, 93, 55
RGB Percent	14%, 36%, 22%
CMY	0.8588, 0.6353, 0.7843
CMYK	0.61, 0.00, 0.41, 0.64
HSL	140°, 44%, 25%
HSV	140°, 61%, 36%
XYZ	5.3315, 8.4796, 4.9702
YIQ	71.6250, -21.7740, -23.9020

Conversions

Conversions Part 2

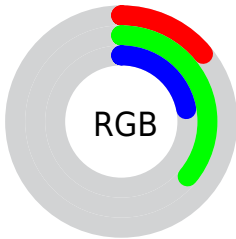
Format	Color
R_{YB}	36, 79, 93
Decimal	2383159
CIE _{Lab}	34.96, -28.27, 16.39
CIE _{LCh}	35, 32.674, 149.894
Yxy	8.4800, 0.2839, 0.4515
Android (android.graphics.Color)	4280573239 (0xFF245D37)
YUV	71.6250, -8.1961, -31.2431
Hunter-Lab	29.1198, -18.2783, 10.2642

Details

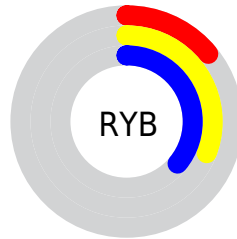
The HunterLab color $[29.1198, -18.2783, 10.2642]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.2077, 21.0052, -6.1895]$, and the grayscale version is $[25.3576, -1.3530, 1.3777]$.

A 20% lighter version of the original color is $[47.8874, -23.0374, 13.5412]$, and $[14.0731, -11.3944, 7.0069]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.7716, -19.8958, 11.4380]$, and if you desaturate by 10%, it is $[29.5515, -16.3324, 9.0086]$.

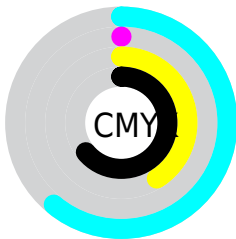
Distribution



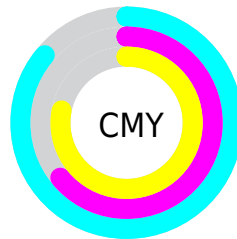
- Red (14%)
- Green (36%)
- Blue (22%)



- Red (14%)
- Yellow (31%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (41%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1198, -18.2783, 10.2642 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 29.1198, -18.2783, 10.2642 by changing the saturation by 10% instead.

■ 29.1198, -18.2783,
10.2642

■ 29.1198, -18.2783,
10.2642

■ 133.9588,
-37.4216, 23.6337

■ 20.9847, -15.6285,
8.5541

■ 47.8478, -23.0455,
13.4291

■ 13.7905, -12.6764,
6.8251

■ 58.3101, -25.2589,
14.9371

■ 7.4125, -12.9719,
5.1887

■ 69.4402, -27.3965,
16.4163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.2002, -29.4756,
17.8760

0.0000, NaN, NaN

■ 93.5580, -31.5091,
19.3231

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4860,

-33.5066, 20.7627

0.0000, NaN, NaN

119.9600,
-35.4755, 22.1986

■ 29.1198, -18.2783,
10.2642

■ 29.1198, -18.2783,
10.2642

■ 28.7716, -19.8958,
11.4380

■ 29.5515, -16.3324,
9.0086

■ 28.5017, -21.1838,
12.5168

■ 30.0668, -14.0663,
7.6844

■ 28.3040, -22.1584,
13.4889

■ 30.6672, -11.4971,
6.3061

■ 28.1567, -22.8900,
14.2195

■ 31.3523, -8.6470,
4.8880

■ 32.1207, -5.5421,
3.4438

■ 32.9703, -2.2103,
1.9861

■ 33.8985, 1.3199,
0.5260

■ 34.9023, 5.0207,
-0.9269

■ 35.9781, 8.8660,
-2.3647

Harmonies

Analogous

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



29.1204, -11.7488, 14.5351



29.1198, -18.2783, 10.2642



29.1204, -20.4849, 1.6237

Triad

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



29.1204, -18.2787, 10.2644



29.1204, -1.5960, -28.1521



29.1204, 20.1282, 10.2200

Complementary

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



29.1198, -18.2783, 10.2642



20.2077, 21.0052, -6.1895

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.



29.1204, 23.9327, 1.5464



29.1198, -18.2783, 10.2642



29.1204, 10.2673, -23.0878

Square

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



29.1204, -18.2787, 10.2644



29.1204, -11.8091, -23.0202



29.1204, 20.0764, -11.0185



29.1204, 10.3485, 14.5174

Rectangle

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



29.1198, -18.2783, 10.2642



29.1204, -19.5216, -6.4925



29.1204, 20.0764, -11.0185



29.1204, 22.2099, 7.8566

Sweetspot

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



29.1204, -18.2787, 10.2644



41.2778, -10.2278, 5.8780



30.6795, -12.6293, 15.4578



20.5689, -5.5281, 3.1366



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.



29.1204, -18.2787, 10.2644



37.4495, -26.9131, 15.6770



29.7261, -14.6535, 1.5347



16.1160, -2.3619, 1.5375



33.4772, -27.3123, 17.1157



78.2435, -64.5148, 41.4713

Inverse Universe

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



20.2077, 21.0052, -6.1895



23.9036, 33.4173, -8.8371



19.4484, 17.6259, 4.5690



15.3967, 0.7355, 0.1831



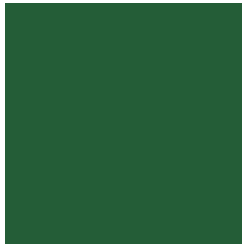
19.4292, 35.7558, -6.6900



45.2796, 83.0021, -13.0616

Previews

White Background



This preview shows how the HunterLab color 29.1198, -18.2783, 10.2642 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



This preview shows how the HunterLab color 29.1198, -18.2783, 10.2642 looks on a 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 29.1198, -18.2783, 10.2642 Background



This preview shows how black text looks on a background with the HunterLab color 29.1198, -18.2783, 10.2642.



This preview shows how white text looks on a background with the HunterLab color 29.1198, -18.2783, 10.2642.

-18.2783, 10.2642.

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

29.1198, -18.2783, 10.2642

Protanopia

28.9784, -3.0684, 11.3946

Deuteranopia

28.8022, 1.7655, 9.5384



Tritanopia

29.0414, -9.1856, -4.3686

Trichromacy



Original Color

29.1198, -18.2783, 10.2642

Protanomaly

28.6454, -9.7913, 10.7554

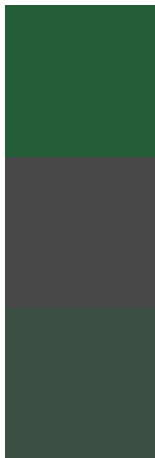
Deuteranomaly

28.2450, -6.8754, 9.1585

Tritanomaly

29.0293, -13.0291, 2.1588

Monochromacy



Original Color

29.1198, -18.2783, 10.2642

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.5716, -8.5071, 4.7235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1198, -18.2783, 10.2642 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(36, 93, 55)` looks like.

```
.text, #text, p{  
    color:rgb(36, 93, 55)  
}
```

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(36, 93, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 93, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1198, -18.2783, 10.2642 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(36, 93, 55) }
```


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

```
.border{ border-color:rgb(36, 93, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 93, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 93, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 93, 55);  
box-shadow:4px 4px 4px 4px rgb(36, 93, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1198, -18.2783, 10.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 93, 55) }
```

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

```
.background{ background-color: rgb(36, 93,  
55) }
```

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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