

Converting Colors

HunterLab(29.6625, -16.4429,
16.7659)

Have a look what the booklet for
HunterLab(29.6625, -16.4429,
16.7659) contains.

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Color

**HunterLab(29.7260,
-16.6198, 16.7973)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 3C5D13 |
| RGB | 60, 93, 19 |
| RGB Percent | 24%, 36%, 7% |
| CMY | 0.7647, 0.6353, 0.9255 |
| CMYK | 0.35, 0.00, 0.80, 0.64 |
| HSL | 87°, 66%, 22% |
| HSV | 87°, 80%, 36% |
| XYZ | 5.8954, 8.8364, 2.0109 |
| YIQ | 74.6970, 4.0860, -30.0100 |

Conversions

Conversions Part 2

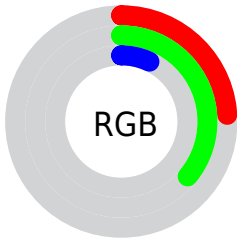
| Format | Color |
|-------------------------------------|---|
| RYB | 19, 93, 52 |
| Decimal | 3955987 |
| CIELab | 35.67, -24.78, 36.22 |
| CIElCh | 36, 43.883, 124.385 |
| Yxy | 8.8367, 0.3521, 0.5278 |
| Android (android.graphics.Color) | 4282146067 (0xFF3C5D13) |
| YUV | 74.6970, -27.4586, -12.8893 |
| Hunter-Lab | 29.7260, -16.6198, 16.7973 |

Details

The HunterLab color $[29.7260, -16.6198, 16.7973]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[14.0938, 21.2494, -34.5110]$, and the grayscale version is $[26.5117, -1.4146, 1.4404]$.

A 20% lighter version of the original color is $[48.7272, -20.9012, 23.0052]$, and $[14.4830, -11.2740, 8.7270]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4734, -17.7218, 17.2907]$, and if you desaturate by 10%, it is $[30.0155, -15.3485, 16.0190]$.

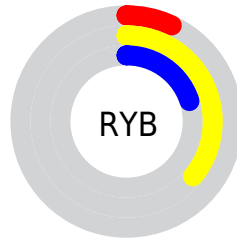
Distribution



Red (24%)

Green (36%)

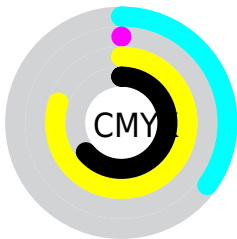
Blue (7%)



Red (7%)

Yellow (36%)

Blue (20%)

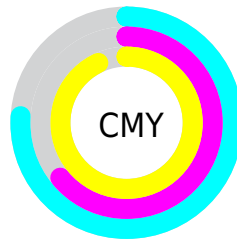


Cyan (35%)

Magenta (0%)

Yellow (80%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7260, -16.6198, 16.7973 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 29.7260, -16.6198, 16.7973 by changing the saturation by 10% instead.

■ 29.7260, -16.6198,
16.7973

■ 29.7260, -16.6198,
16.7973

134.9649,
-33.9720, 40.6396

■ 21.5287, -14.2795,
13.5221

■ 48.5625, -20.8750,
22.9188

■ 14.2641, -11.6949,
9.9849

■ 59.0733, -22.8677,
25.7216

■ 7.9214, -13.8625,
5.5450

■ 70.2490, -24.8012,
28.4009

0.0000, NaN, NaN

■ 82.0521, -26.6899,
30.9817

0.0000, NaN, NaN

■ 94.4510, -28.5444,
33.4829


0.0000, NaN, NaN


■ 107.4182,


0.0000, NaN, NaN


-30.3724, 35.9190


0.0000, NaN, NaN


 120.9299,
-32.1800, 38.3016


 29.7260, -16.6198,
16.7973


 29.7260, -16.6198,
16.7973


 29.4734, -17.7218,
17.2907


 30.0155, -15.3485,
16.0190


 29.2441, -18.7188,
17.6690

 30.3414, -13.9015,
14.9350

 29.2346, -18.7607,
17.6858

 30.7056, -12.2786,
13.5326

 31.1085, -10.4814,
11.8050

 31.5505, -8.5142,
9.7500

■ 32.0317, -6.3827,
7.3701

■ 32.5519, -4.0943,
4.6709

■ 33.1107, -1.6572,
1.6613

■ 33.7074, 0.9196,
-1.6477

Harmonies

Analogous

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



29.7267, -3.8328, 18.2805



29.7260, -16.6198, 16.7973



29.7267, -23.9771, 11.4533

Triad

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



29.7267, -16.6205, 16.7975



29.7267, -13.4100, -36.9964



29.7267, 34.3608, 3.7057

Complementary

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



29.7260, -16.6198, 16.7973



14.0938, 21.2494, -34.5110

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.



29.7267, 30.3547, -13.4395



29.7260, -16.6198, 16.7973



29.7267, 0.7260, -42.8223

Square

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



29.7267, -16.6205, 16.7975



29.7267, -22.4074, -19.2673



29.7267, 17.1922, -32.5910



29.7267, 27.2338, 13.5920

Rectangle

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



29.7260, -16.6198, 16.7973



29.7267, -25.8199, 4.2616



29.7267, 17.1922, -32.5910



29.7267, 34.2809, -1.2929

Sweetspot

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



29.7267, -16.6205, 16.7975



41.5703, -9.8138, 11.2994



21.7898, 9.5349, 11.9170



20.7395, -5.2491, 6.0289



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.



29.7267, -16.6205, 16.7975



38.3117, -24.2249, 22.9171



28.4068, -22.0182, 15.8326



16.2502, -1.9523, 2.2211



34.7284, -22.4966, 21.0056



80.9392, -53.9855, 48.9292

Inverse Universe

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



14.0938, 21.2494, -34.5110



15.3154, 32.8754, -58.5920



18.2599, 29.0425, -21.8673



15.2487, 0.3108, -0.6084



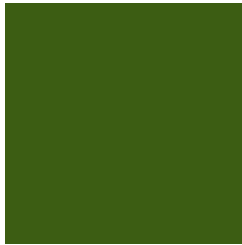
13.2992, 31.1829, -56.5807



30.2867, 72.0838, -137.1467

Previews

White Background



This preview shows how the HunterLab color 29.7260, -16.6198, 16.7973 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

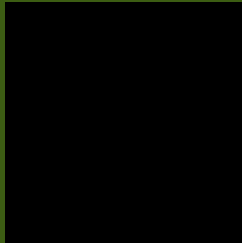
Any Text WCAG AA × Fail

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 29.7260, -16.6198, 16.7973 Background



This preview shows how black text looks on a background with the HunterLab color 29.7260, -16.6198, 16.7973.



This preview shows how white text looks on a background with the HunterLab color 29.7260,

-16.6198, 16.7973.

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

29.7260, -16.6198, 16.7973

Protanopia

29.5987, -4.2301, 17.1022

Deuteranopia

29.4445, 1.8692, 16.2084



Tritanopia

29.8157, -4.9847, -2.7731

Trichromacy



Original Color

29.7260, -16.6198, 16.7973

Protanomaly

29.4175, -9.0238, 16.8156

Deuteranomaly

29.1999, -5.5896, 16.2491

Tritanomaly

29.5098, -10.3147, 7.3341

Monochromacy



Original Color

29.7260, -16.6198, 16.7973

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.5908, -7.9613, 9.0949

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7260, -16.6198, 16.7973 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(60, 93, 19)` looks like.

```
.text, #text, p{  
    color:rgb(60, 93, 19)  
}
```

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(60, 93, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 93, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7260, -16.6198, 16.7973 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(60, 93, 19) }
```


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

```
.border{ border-color:rgb(60, 93, 19) }
```

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

Here you see how a box with a 4 pixel rgb(60, 93, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 93, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 93, 19);  
box-shadow:4px 4px 4px 4px rgb(60, 93, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7260, -16.6198, 16.7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 93, 19) }
```

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

```
.background{ background-color: rgb(60, 93,  
19) }
```

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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