

Converting Colors

HunterLab(28.7905, -19.7809,
15.4886)

Have a look what the booklet for
HunterLab(28.7905, -19.7809,
15.4886) contains.

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Color

**HunterLab(28.8964,
-19.8993, 15.5704)**

Conversions

Conversions Part 1

Format	Color
Hex	285D19
RGB	40, 93, 25
RGB Percent	16%, 36%, 10%
CMY	0.8431, 0.6353, 0.9020
CMYK	0.57, 0.00, 0.73, 0.64
HSL	107°, 58%, 23%
HSV	107°, 73%, 36%
XYZ	4.9649, 8.3500, 2.2697
YIQ	69.4010, -9.7600, -32.3840

Conversions

Conversions Part 2

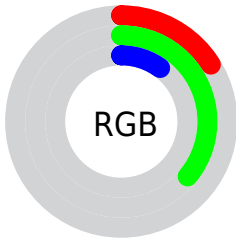
Format	Color
R_YB	25, 93, 78
Decimal	2645273
CIE Lab	34.70, -31.63, 32.37
CIE LCh	35, 45.263, 134.338
Yxy	8.3504, 0.3186, 0.5358
Android (android.graphics.Color)	4280835353 (0xFF285D19)
YUV	69.4010, -21.8897, -25.7847
Hunter-Lab	28.8964, -19.8993, 15.5704

Details

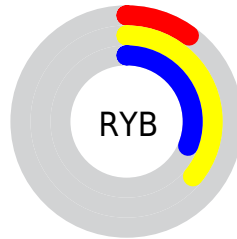
The HunterLab color $[28.8964, -19.8993, 15.5704]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[17.6226, 24.5232, -23.5550]$, and the grayscale version is $[24.6142, -1.3134, 1.3373]$.

A 20% lighter version of the original color is $[47.5800, -25.2755, 21.2363]$, and $[13.9785, -11.9866, 8.4037]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.6091, -21.2087, 16.2656]$, and if you desaturate by 10%, it is $[29.2516, -18.2905, 14.5905]$.

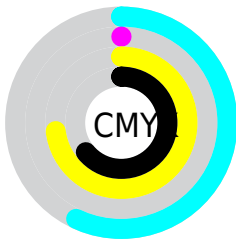
Distribution



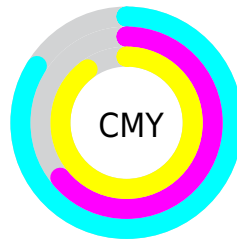
- Red (16%)
- Green (36%)
- Blue (10%)



- Red (10%)
- Yellow (36%)
- Blue (31%)



- Cyan (57%)
- Magenta (0%)
- Yellow (73%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8964, -19.8993, 15.5704 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 28.8964, -19.8993, 15.5704 by changing the saturation by 10% instead.

■ 28.8964, -19.8993,
15.5704

■ 28.8964, -19.8993,
15.5704

133.5870,
-40.7822, 37.3945

■ 20.7845, -16.9521,
12.5115

■ 47.5841, -25.1622,
21.1399

■ 13.6165, -13.6724,
9.5316

■ 58.0284, -27.5899,
23.6944

■ 7.2150, -12.6262,
5.0505

■ 69.1416, -29.9256,
26.1413

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.8856, -32.1899,
28.5036

0.0000, NaN, NaN

■ 93.2282, -34.3976,
30.7984

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1416,

-36.5601, 33.0386

0.0000, NaN, NaN

■ 119.6017,
-38.6860, 35.2347

■ 28.8964, -19.8993,
15.5704

■ 28.8964, -19.8993,
15.5704

■ 28.6091, -21.2087,
16.2656

■ 29.2516, -18.2905,
14.5905

■ 28.3834, -22.2327,
16.7165

■ 29.6750, -16.3822,
13.3157

■ 28.2546, -22.8261,
17.0107

■ 30.1682, -14.1829,
11.7447

■ 30.7313, -11.7062,
9.8825

■ 31.3640, -8.9698,
7.7396

■ 32.0652, -5.9940,
5.3308

■ 32.8331, -2.8012,
2.6735

■ 33.6658, 0.5859,
-0.2128

■ 34.5611, 4.1447,
-3.3081

Harmonies

Analogous

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



28.8970, -8.7067, 17.9190



28.8964, -19.8993, 15.5704



28.8970, -25.4136, 8.3531

Triad

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



28.8970, -19.8998, 15.5705



28.8970, -9.3156, -42.5502



28.8970, 34.2873, 7.8681

Complementary

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



28.8964, -19.8993, 15.5704



17.6226, 24.5232, -23.5550

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.



28.8970, 34.0250, -7.3942



28.8964, -19.8993, 15.5704



28.8970, 6.3937, -42.9401

Square

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



28.8970, -19.8998, 15.5705



28.8970, -20.2624, -26.8914



28.8970, 22.9761, -27.7749



28.8970, 23.6302, 15.3803

Rectangle

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



28.8964, -19.8993, 15.5704



28.8970, -26.0767, -0.7059



28.8970, 22.9761, -27.7749



28.8970, 35.5354, 3.6801

Sweetspot

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



28.8970, -19.8998, 15.5705



41.0674, -11.5645, 9.9895



27.7924, -1.4096, 15.1386



20.4903, -6.1037, 5.2511



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.



28.8970, -19.8998, 15.5705



37.1954, -28.7800, 21.7317



28.6551, -20.5325, 12.5418



16.1478, -2.3163, 2.1025



33.5752, -27.2869, 20.2112



78.3540, -64.7672, 47.1475

Inverse Universe

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



17.6226, 24.5232, -23.5550



20.4834, 37.6099, -38.0157



18.7852, 25.3515, -8.9163



15.3597, 0.6876, -0.4610



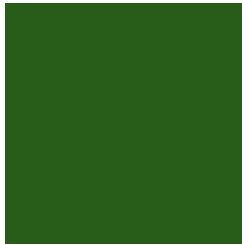
17.5252, 36.3927, -38.1338



40.5193, 84.5019, -90.9581

Previews

White Background



This preview shows how the HunterLab color 28.8964, -19.8993, 15.5704 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

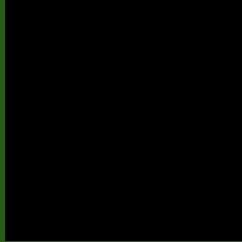
Any Text WCAG AA × Fail

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 28.8964, -19.8993, 15.5704 Background



This preview shows how black text looks on a background with the HunterLab color 28.8964, -19.8993, 15.5704.



This preview shows how white text looks on a background with the HunterLab color 28.8964,

-19.8993, 15.5704.

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

28.8964, -19.8993, 15.5704

Protanopia

28.8386, -4.1909, 16.1363

Deuteranopia

28.5891, 1.5915, 14.9560



Tritanopia

28.9980, -7.9656, -3.9230

Trichromacy



Original Color

28.8964, -19.8993, 15.5704

Protanomaly

28.4520, -11.1766, 15.6471

Deuteranomaly

28.1735, -7.8713, 14.7764

Tritanomaly

28.6834, -13.3977, 5.8021

Monochromacy



Original Color

28.8964, -19.8993, 15.5704

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.7009, -9.4729, 7.9008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8964, -19.8993, 15.5704 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(40, 93, 25)` looks like.

```
.text, #text, p{  
    color:rgb(40, 93, 25)  
}
```

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(40, 93, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 93, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8964, -19.8993, 15.5704 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(40, 93, 25) }
```


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

```
.border{ border-color:rgb(40, 93, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 93, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 93, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 93, 25);  
box-shadow:4px 4px 4px 4px rgb(40, 93, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8964, -19.8993, 15.5704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 93, 25) }
```

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

```
.background{ background-color: rgb(40, 93,  
25) }
```

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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