

Converting Colors

HunterLab(28.3976, -18.9424,
12.5354)

Have a look what the booklet for
HunterLab(28.3976, -18.9424,
12.5354) contains.

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Color

**HunterLab(28.2960,
-18.9093, 12.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	235B2A
RGB	35, 91, 42
RGB Percent	14%, 36%, 16%
CMY	0.8627, 0.6431, 0.8353
CMYK	0.62, 0.00, 0.54, 0.64
HSL	128°, 44%, 25%
HSV	128°, 62%, 36%
XYZ	4.8521, 8.0066, 3.4802
YIQ	68.6700, -17.6470, -27.1110

Conversions

Conversions Part 2

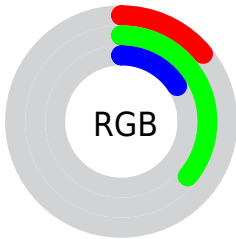
Format	Color
R_{YB}	35, 85, 91
Decimal	2317098
CIE Lab	34.00, -30.02, 22.73
CIE LCh	34, 37.656, 142.870
Yxy	8.0070, 0.2970, 0.4900
Android (android.graphics.Color)	4280507178 (0xFF235B2A)
YUV	68.6700, -13.1483, -29.5286
Hunter-Lab	28.2960, -18.9093, 12.5150

Details

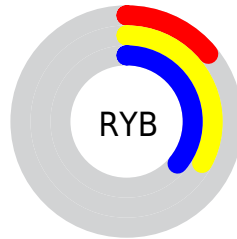
The HunterLab color $[28.2960, -18.9093, 12.5150]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.1654, 22.3877, -11.8436]$, and the grayscale version is $[24.3284, -1.2981, 1.3218]$.

A 20% lighter version of the original color is $[46.9529, -23.9488, 16.5783]$, and $[13.4215, -11.5089, 8.0688]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.9580, -20.4896, 13.6533]$, and if you desaturate by 10%, it is $[28.7231, -16.9605, 11.1816]$.

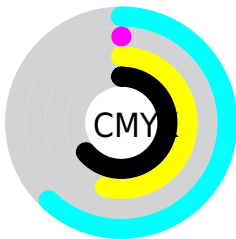
Distribution



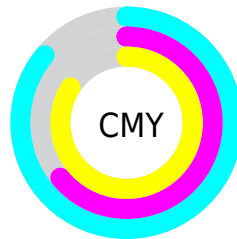
- Red (14%)
- Green (36%)
- Blue (16%)



- Red (14%)
- Yellow (33%)
- Blue (36%)



- Cyan (62%)
- Magenta (0%)
- Yellow (54%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2960, -18.9093, 12.5150 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 28.2960, -18.9093, 12.5150 by changing the saturation by 10% instead.

■ 28.2960, -18.9093,
12.5150

■ 28.2960, -18.9093,
12.5150

132.5846,
-39.0123, 29.1918

■ 20.2470, -16.0832,
10.2348

■ 46.8744, -23.9595,
16.6314

■ 13.1504, -12.9691,
8.7629

■ 57.2699, -26.2923,
18.5491

■ 6.6523, -11.6416,
4.6566

■ 68.3373, -28.5389,
20.4058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0380, -30.7190,
22.2169

0.0000, NaN, NaN

■ 92.3393, -32.8469,
23.9936

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.2133,

-34.9332, 25.7443

0.0000, NaN, NaN

118.6356,
-36.9861, 27.4753

28.2960, -18.9093,
12.5150

28.2960, -18.9093,
12.5150

27.9580, -20.4896,
13.6533

28.7231, -16.9605,
11.1816

27.7033, -21.7016,
14.5896

29.2396, -14.6517,
9.6637

27.5249, -22.5674,
15.3224

29.8469, -12.0021,
7.9767

27.3998, -23.1691,
15.7679

30.5445, -9.0373,
6.1385

31.3308, -5.7875,
4.1685

■ 32.2034, -2.2851,
2.0865

■ 33.1591, 1.4368,
-0.0884

■ 34.1944, 5.3463,
-2.3381

■ 35.3056, 9.4135,
-4.6463

Harmonies

Analogous

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



28.2966, -10.6426, 15.9108



28.2960, -18.9093, 12.5150



28.2966, -22.4029, 4.3534

Triad

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



28.2966, -18.9097, 12.5152



28.2966, -4.5677, -33.9977



28.2966, 25.6092, 9.3539

Complementary

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



28.2960, -18.9093, 12.5150



20.1654, 22.3877, -11.8436

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.



28.2966, 28.0392, -1.5951



28.2960, -18.9093, 12.5150



28.2966, 8.9482, -30.5860

Square

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



28.2966, -18.9097, 12.5152



28.2966, -15.1560, -24.9644



28.2966, 21.4771, -17.0552



28.2966, 15.3377, 14.7508

Rectangle

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



28.2960, -18.9093, 12.5150



28.2966, -22.1028, -4.3276



28.2966, 21.4771, -17.0552



28.2966, 27.4382, 6.3705

Sweetspot

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



28.2966, -18.9097, 12.5152



40.2331, -10.5861, 7.2748



30.8388, -9.1512, 15.7854



19.6855, -5.5988, 3.8171



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.



28.2966, -18.9097, 12.5152



36.3851, -27.6023, 18.4663



28.7683, -16.0618, 5.6620



16.0945, -2.4815, 1.8446



33.3278, -28.2474, 19.3211



77.9405, -66.4128, 45.9474

Inverse Universe

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



20.1654, 22.3877, -11.8436



24.0970, 35.4497, -18.3829



19.2781, 18.4937, 0.5109



15.4205, 0.8634, -0.1554



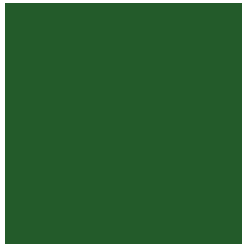
20.3373, 38.9755, -19.0074



47.4974, 90.8770, -43.2323

Previews

White Background



This preview shows how the HunterLab color 28.2960, -18.9093, 12.5150 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

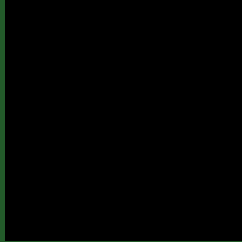
Any Text WCAG AA × Fail

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 28.2960, -18.9093, 12.5150 Background



This preview shows how black text looks on a background with the HunterLab color 28.2960, -18.9093, 12.5150.



This preview shows how white text looks on a background with the HunterLab color 28.2960,

-18.9093, 12.5150.

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

28.2960, -18.9093, 12.5150

Protanopia

28.1992, -3.5007, 13.4595

Deuteranopia

28.1203, 1.6179, 11.9061



Tritanopia

28.4153, -8.7534, -4.2521

Trichromacy



Original Color

28.2960, -18.9093, 12.5150

Protanomaly

27.8430, -10.3188, 12.8887

Deuteranomaly

27.4411, -7.4311, 11.4150

Tritanomaly

28.2621, -13.3191, 3.5906

Monochromacy



Original Color

28.2960, -18.9093, 12.5150

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.4821, -8.6540, 5.9232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2960, -18.9093, 12.5150 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(35, 91, 42)` looks like.

```
.text, #text, p{  
    color:rgb(35, 91, 42)  
}
```

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(35, 91, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 91, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2960, -18.9093, 12.5150 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(35, 91, 42) }
```


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

```
.border{ border-color:rgb(35, 91, 42) }
```

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

Here you see how a box with a 4 pixel rgb(35, 91, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 91, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 91, 42);  
box-shadow:4px 4px 4px 4px rgb(35, 91, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2960, -18.9093, 12.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 91, 42) }
```

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

```
.background{ background-color: rgb(35, 91,  
42) }
```

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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