

Converting Colors

HunterLab(36.0123, -28.9549,
20.3404)

Have a look what the booklet for
HunterLab(36.0123, -28.9549,
20.3404) contains.

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Color

**HunterLab(36.0092,
-28.9645, 20.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	177517
RGB	23, 117, 23
RGB Percent	9%, 46%, 9%
CMY	0.9098, 0.5412, 0.9098
CMYK	0.80, 0.00, 0.80, 0.54
HSL	120°, 67%, 27%
HSV	120°, 80%, 46%
XYZ	6.8693, 12.9666, 2.9514
YIQ	78.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

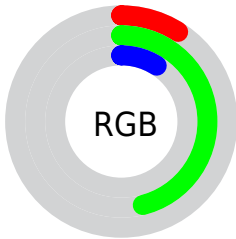
Format	Color
R_{YB}	23, 117, 117
Decimal	1537303
CIE Lab	42.71, -44.80, 41.15
CIE LCh	43, 60.833, 137.433
Yxy	12.9672, 0.3015, 0.5690
Android (android.graphics.Color)	4279727383 (0xFF177517)
YUV	78.1780, -27.2028, -48.3911
Hunter-Lab	36.0092, -28.9645, 20.3469

Details

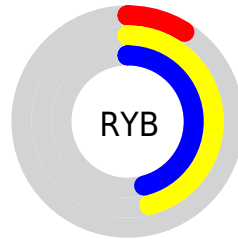
The HunterLab color $36.0092, -28.9645, 20.3469$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $23.8310, 39.5918, -26.4918$, and the grayscale version is $27.7680, -1.4816, 1.5087$.

A 20% lighter version of the original color is $55.8347, -35.8275, 26.8984$, and $20.0357, -17.1806, 12.0452$ is the 20% darker color. If you saturate the color by 10%, you get $35.8067, -29.9308, 21.0002$, and if you desaturate by 10%, it is $36.3247, -27.4818, 19.3440$.

Distribution



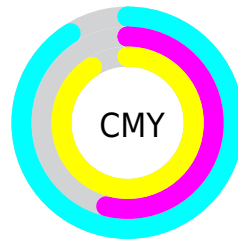
- Red (9%)
- Green (46%)
- Blue (9%)



- Red (9%)
- Yellow (46%)
- Blue (46%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (54%)



- Cyan (91%)
- Magenta (54%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0092, -28.9645, 20.3469 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 36.0092, -28.9645, 20.3469 by changing the saturation by 10% instead.

■ 36.0092, -28.9645,
20.3469

■ 36.0092, -28.9645,
20.3469

145.1575,
-55.8669, 46.1657

■ 27.2139, -25.1507,
16.7185

■ 55.8970, -35.8117,
26.9203

■ 19.2802, -20.9362,
13.4961

■ 66.8805, -38.9656,
29.9535

■ 12.3154, -18.0144,
8.6208

■ 78.5018, -41.9902,
32.8607

■ 5.4811, -9.5920,
3.8368

■ 90.7276, -44.9105,
35.6653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5296,
-47.7453, 38.3852


0.0000, NaN, NaN


■ 116.8827,


0.0000, NaN, NaN


-50.5090, 41.0347


0.0000, NaN, NaN


 130.7652,
-53.2132, 43.6251


 36.0092, -28.9645,
20.3469


 36.0092, -28.9645,
20.3469


 35.8067, -29.9308,
21.0002


 36.3247, -27.4818,
19.3440

 35.6695, -30.5865,
21.4437

 36.7611, -25.4498,
17.9700

 37.3259, -22.8606,
16.2194

 38.0231, -19.7253,
14.0998

 38.8540, -16.0711,
11.6299

■ 39.8180, -11.9375,
8.8363

■ 40.9125, -7.3719,
5.7514

■ 42.1337, -2.4259,
2.4101

■ 43.4767, 2.8481,
-1.1521

Harmonies

Analogous

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



36.0099, -14.1946, 23.4013



36.0092, -28.9645, 20.3469



36.0099, -35.6244, 9.9383

Triad

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



36.0099, -28.9650, 20.3470



36.0099, -11.0163, -67.6283



36.0099, 50.4852, 12.3911

Complementary

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



36.0092, -28.9645, 20.3469



23.8310, 39.5918, -26.4918

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.



36.0099, 51.9548, -8.4025



36.0092, -28.9645, 20.3469



36.0099, 12.2490, -65.3292

Square

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



36.0099, -28.9650, 20.3470



36.0099, -27.1418, -44.5816



36.0099, 36.6066, -39.4748



36.0099, 32.9866, 21.1806

Rectangle

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



36.0092, -28.9645, 20.3469



36.0099, -36.0238, -3.8942



36.0099, 36.6066, -39.4748



36.0099, 53.0024, 6.9714

Sweetspot

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



36.0099, -28.9650, 20.3470



52.7088, -18.4149, 13.4737



40.7027, -10.4793, 23.7165



25.1006, -9.5736, 6.9632



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.0099, -28.9650, 20.3470



47.7864, -40.6641, 28.5156



36.5342, -25.7256, 12.6581



20.2440, -3.3261, 2.6272



37.4400, -32.1047, 22.5080



82.6493, -70.8717, 49.6872

Inverse Universe

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



23.8310, 39.5918, -26.4918



30.3395, 58.4115, -39.1708



21.9933, 32.5141, -1.4996



19.3854, 1.3111, -0.5417



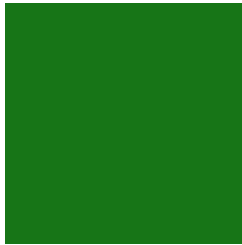
23.6258, 46.4486, -31.1575



52.1542, 102.5360, -68.7802

Previews

White Background



This preview shows how the HunterLab color 36.0092, -28.9645, 20.3469 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 × Fail

Black Background



This preview shows how the HunterLab color 36.0092, -28.9645, 20.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0092, -28.9645, 20.3469 Background



This preview shows how black text looks on a background with the HunterLab color 36.0092, -28.9645, 20.3469.



This preview shows how white text looks on a background with the HunterLab color 36.0092,

-28.9645, 20.3469.

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

36.0092, -28.9645, 20.3469

Protanopia

35.8679, -5.1336, 20.9934

Deuteranopia

35.6789, 2.4548, 19.6371



Tritanopia

36.0585, -12.5756, -6.1831

Trichromacy



Original Color

36.0092, -28.9645, 20.3469

Protanomaly

35.0305, -17.0117, 20.1677

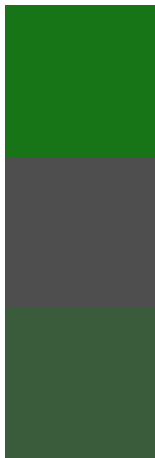
Deuteranomaly

34.5153, -12.8650, 19.0462

Tritanomaly

35.6442, -20.7607, 7.9879

Monochromacy



Original Color

36.0092, -28.9645, 20.3469

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.7646, -14.0920, 10.1203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0092, -28.9645, 20.3469 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(23, 117, 23)` looks like.

```
.text, #text, p{  
    color:rgb(23, 117, 23)  
}
```

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(23, 117, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 117, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0092, -28.9645, 20.3469 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(23, 117, 23) }
```


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

```
.border{ border-color:rgb(23, 117, 23) }
```

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

Here you see how a box with a 4 pixel rgb(23, 117, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 117, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 117, 23);  
box-shadow:4px 4px 4px 4px rgb(23, 117,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0092, -28.9645, 20.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 117, 23) }
```

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

```
.background{ background-color: rgb(23, 117,  
23) }
```

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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