

Converting Colors

HunterLab(61.4762, -16.5646,
32.1484)

Have a look what the booklet for
HunterLab(61.4762, -16.5646,
32.1484) contains.

HunterLab(61.2820, -16.4988, 32.0256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(61.2820,
-16.4988, 32.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AB45
RGB	165, 171, 69
RGB Percent	65%, 67%, 27%
CMY	0.3529, 0.3294, 0.7294
CMYK	0.04, 0.00, 0.60, 0.33
HSL	64°, 42%, 47%
HSV	64°, 60%, 67%
XYZ	31.1542, 37.5548, 11.2371
YIQ	157.5780, 29.1660, -32.9940

Conversions

Conversions Part 2

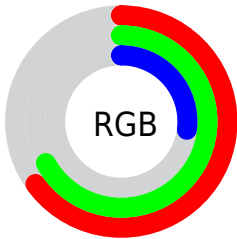
Format	Color
RYB	69, 171, 75
Decimal	10857285
CIELab	67.69, -16.00, 50.48
CIELCh	68, 52.957, 107.582
Yxy	37.5566, 0.3897, 0.4698
Android (android.graphics.Color)	4289047365 (0xFFA5AB45)
YUV	157.5780, -43.6690, 6.5091
Hunter-Lab	61.2820, -16.4988, 32.0256

Details

The HunterLab color $61.2820, -16.4988, 32.0256$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $29.4844, 23.3621, -58.9035$, and the grayscale version is $58.4665, -3.1196, 3.1766$.

A 20% lighter version of the original color is $84.4410, -19.3062, 38.9929$, and $40.6635, -13.6843, 24.3099$ is the 20% darker color. If you saturate the color by 10%, you get $61.0462, -17.6781, 34.1627$, and if you desaturate by 10%, it is $61.5701, -15.0482, 29.1766$.

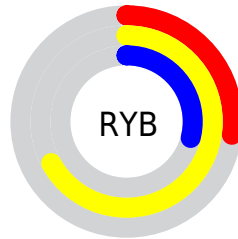
Distribution



Red (65%)

Green (67%)

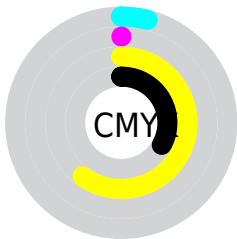
Blue (27%)



Red (27%)

Yellow (67%)

Blue (29%)

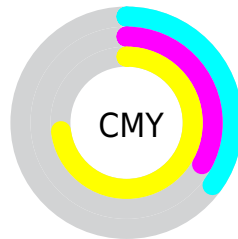


Cyan (4%)

Magenta (0%)

Yellow (60%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.2820, -16.4988, 32.0256 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 61.2820, -16.4988, 32.0256 by changing the saturation by 10% instead.

■ 61.2820, -16.4988,
32.0256

■ 61.2820, -16.4988,
32.0256

183.2250,
-29.2899, 60.2749

■ 50.6347, -15.0410,
28.2888

■ 84.5151, -19.3657,
38.9968

■ 40.6861, -13.5501,
24.3376

■ 97.0311, -20.7834,
42.2841

■ 31.4908, -12.0127,
20.1327

■ 110.1103,
-22.1971, 45.4670

■ 23.1166, -10.4038,
16.1816

■ 123.7296,
-23.6097, 48.5610

■ 15.6536, -8.6810,
10.9575

■ 137.8682,
-25.0236, 51.5790

■ 9.2283, -8.0465,
6.4598

152.5078,

0.0000, NaN, NaN

-26.4407, 54.5317

0.0000, NaN, NaN

167.6317,
-27.8624, 57.4279

0.0000, NaN, NaN

■ 61.2820, -16.4988,
32.0256

■ 61.2820, -16.4988,
32.0256

■ 61.0462, -17.6781,
34.1627

■ 61.5701, -15.0482,
29.1766

■ 60.8546, -18.5996,
35.6384

■ 61.9095, -13.3061,
25.5749

■ 60.7038, -19.2906,
36.5211

■ 62.3041, -11.2644,
21.1923

■ 60.5831, -19.8111,
36.9673

■ 62.7561, -8.9168,
16.0100

■ 60.5790, -19.8287,
36.9813

■ 63.2671, -6.2605,
10.0180

■ 63.8384, -3.2957,
3.2143

■ 64.4708, -0.0253,
-4.3956

■ 65.1650, 3.5451,
-12.7999

■ 65.9210, 7.4078,
-21.9808

Harmonies

Analogous

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



61.2834, 6.8872, 32.4499



61.2820, -16.4988, 32.0256



61.2834, -33.5459, 26.0438

Triad

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



61.2834, -16.5008, 32.0261



61.2834, -31.2019, -38.3199



61.2834, 48.1621, -6.7893

Complementary

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



61.2820, -16.4988, 32.0256



29.4844, 23.3621, -58.9035

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.



61.2834, 34.3263, -33.9188



61.2820, -16.4988, 32.0256



61.2834, -12.8120, -56.2711

Square

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



61.2834, -16.5008, 32.0261



61.2834, -41.0998, -11.3346



61.2834, 11.1811, -54.4083



61.2834, 46.7702, 15.0889

Rectangle

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



61.2820, -16.4988, 32.0256



61.2834, -40.1177, 17.7305



61.2834, 11.1811, -54.4083



61.2834, 45.0597, -15.7085

Sweetspot

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



61.2834, -16.5008, 32.0261



84.0681, -11.4838, 20.4210



37.4159, 31.4891, 14.6842



39.6134, -5.8717, 10.6452



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



61.2834, -16.5008, 32.0261



81.5938, -24.1423, 46.5311



57.6156, -30.5135, 29.1739



30.5055, -2.9723, 4.7255



52.6036, -17.1869, 32.1132



8.8140, -2.7162, 5.3836

Inverse Universe

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



29.4844, 23.3621, -58.9035



31.7543, 42.9749, -108.5174



34.0072, 34.7159, -45.6131



27.8907, -0.0347, -1.8462



15.0788, 40.5221, -104.2028



2.6529, 6.8674, -16.3027

Previews

White Background



This preview shows how the HunterLab color 61.2820, -16.4988, 32.0256 looks on a white 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

Black Background



This preview shows how the HunterLab color 61.2820, -16.4988, 32.0256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

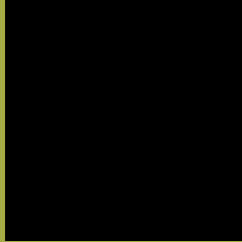
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 61.2820, -16.4988, 32.0256 Background



This preview shows how black text looks on a background with the HunterLab color 61.2820, -16.4988, 32.0256.



This preview shows how white text looks on a background with the HunterLab color 61.2820, -16.4988, 32.0256.

-16.4988, 32.0256.

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

61.2820, -16.4988, 32.0256

Protanopia

61.1415, -7.7456, 32.3901

Deuteranopia

61.1820, 4.2684, 31.6664



Tritanopia

61.0514, 3.6575, -0.7109

Trichromacy



Original Color

61.2820, -16.4988, 32.0256

Protanomaly

61.0614, -11.0711, 32.1217

Deuteranomaly

61.0374, -3.5092, 31.5942

Tritanomaly

60.7932, -5.2564, 15.0136

Monochromacy



Original Color

61.2820, -16.4988, 32.0256

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.3951, -9.0912, 16.7361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.2820, -16.4988, 32.0256 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(165, 171, 69)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 69)  
}
```

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(165, 171, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 61.2820, -16.4988, 32.0256 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(165, 171, 69) }
```


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

```
.border{ border-color:rgb(165, 171, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 171, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 69);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.2820, -16.4988, 32.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 69) }
```

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

```
.background{ background-color: rgb(165,  
171, 69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor