

Converting Colors

HunterLab(46.9400, -30.6684,
18.3670)

Have a look what the booklet for
HunterLab(46.9400, -30.6684,
18.3670) contains.

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Color

**HunterLab(46.9750,
-30.7299, 18.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	3A9252
RGB	58, 146, 82
RGB Percent	23%, 57%, 32%
CMY	0.7725, 0.4274, 0.6784
CMYK	0.60, 0.00, 0.44, 0.43
HSL	136°, 43%, 40%
HSV	136°, 60%, 57%
XYZ	13.5468, 22.0665, 11.5279
YIQ	112.3920, -31.9040, -38.5600

Conversions

Conversions Part 2

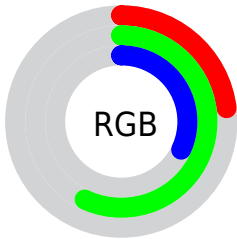
Format	Color
RYB	58, 127, 146
Decimal	3838546
CIELab	54.10, -40.97, 26.24
CIELCh	54, 48.652, 147.357
Yxy	22.0674, 0.2874, 0.4681
Android (android.graphics.Color)	4282028626 (0xFF3A9252)
YUV	112.3920, -14.9833, -47.7018
Hunter-Lab	46.9750, -30.7299, 18.3324

Details


The HunterLab color $46.9750, -30.7299, 18.3324$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $32.4694, 35.9794, -12.9851$, and the grayscale version is $40.4684, -2.1593, 2.1987$.

A 20% lighter version of the original color is $68.5200, -36.9082, 22.6864$, and $28.5075, -22.9255, 13.8577$ is the 20% darker color. If you saturate the color by 10%, you get $46.4121, -33.3689, 20.3167$, and if you desaturate by 10%, it is $47.6898, -27.4783, 16.1396$.

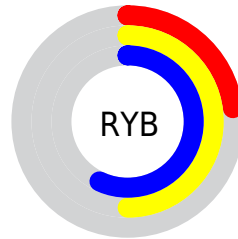
Distribution



 Red (23%)

 Green (57%)

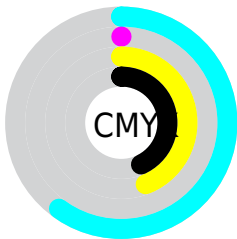
 Blue (32%)




 Red (23%)

 Yellow (50%)

 Blue (57%)

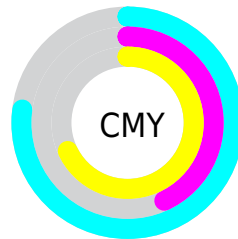


 Cyan (60%)


 Magenta (0%)

 Yellow (44%)

 Black (43%)



 Cyan (77%)

 Magenta (43%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9750, -30.7299, 18.3324 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 46.9750, -30.7299, 18.3324 by changing the saturation by 10% instead.

■ 46.9750, -30.7299,
18.3324

■ 46.9750, -30.7299,
18.3324

162.1413,
-54.8017, 35.9319

■ 37.2913, -27.5120,
16.0798

■ 68.4525, -36.6686,
22.5518

■ 28.3824, -24.0516,
13.6853

■ 80.1593, -39.4587,
24.5621

■ 20.3238, -20.2519,
11.0935

■ 92.4666, -42.1605,
26.5258

■ 13.2169, -16.6011,
9.2518

■ 105.3463,
-44.7903, 28.4531

■ 6.7359, -11.7878,
4.7151

■ 118.7740,
-47.3604, 30.3518

0.0000, NaN, NaN

0.0000, NaN, NaN

132.7282,

-49.8806, 32.2280

0.0000, NaN, NaN

147.1897,
-52.3589, 34.0868

0.0000, NaN, NaN

■ 46.9750, -30.7299,
18.3324

■ 46.9750, -30.7299,
18.3324

■ 46.4121, -33.3689,
20.3167

■ 47.6898, -27.4783,
16.1396

■ 45.9906, -35.3977,
22.0706

■ 48.5578, -23.6277,
13.7627

■ 45.7003, -36.8450,
23.5787

■ 49.5817, -19.2102,
11.2301

■ 45.5089, -37.8317,
24.7856

■ 50.7607, -14.2691,
8.5714

■ 52.0922, -8.8559,
5.8159

■ 53.5720, -3.0259,
2.9912

■ 55.1948, 3.1647,
0.1224

■ 56.9543, 9.6615,
-2.7683

■ 58.8439, 16.4142,
-5.6625

Harmonies

Analogous

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



46.9760, -18.9240, 24.8409



46.9750, -30.7299, 18.3324



46.9760, -35.1131, 4.2146

Triad

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



46.9760, -30.7305, 18.3327



46.9760, -4.2711, -50.7107



46.9760, 36.8077, 16.4655

Complementary

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



46.9750, -30.7299, 18.3324



32.4694, 35.9794, -12.9851

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.



46.9760, 42.4670, 0.8367



46.9750, -30.7299, 18.3324



46.9760, 16.5241, -42.9858

Square

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



46.9760, -30.7305, 18.3327



46.9760, -21.5242, -39.9160



46.9760, 34.5035, -21.7976



46.9760, 20.1135, 24.1235

Rectangle

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



46.9750, -30.7299, 18.3324



46.9760, -33.8972, -9.7333



46.9760, 34.5035, -21.7976



46.9760, 40.1740, 12.2232

Sweetspot

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



46.9760, -30.7305, 18.3327



67.7413, -17.6248, 10.6941



50.0409, -19.2792, 25.7544



31.7423, -9.1715, 5.4914



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



46.9760, -30.7305, 18.3327



61.4451, -45.2639, 27.7597



47.9071, -25.1311, 4.8732



25.4811, -4.0269, 2.6919



42.6944, -35.4641, 23.1926



4.7699, -3.6339, 1.8826

Inverse Universe

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



32.4694, 35.9794, -12.9851



39.4552, 56.7963, -19.1044



31.1371, 30.1366, 5.7973



24.2538, 1.4821, 0.0116



25.1010, 46.6630, -12.2811



2.8649, 5.4737, -2.5473

Previews

White Background



This preview shows how the HunterLab color 46.9750, -30.7299, 18.3324 looks on a white 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

Black Background



This preview shows how the HunterLab color 46.9750, -30.7299, 18.3324 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 × Fail

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

HunterLab 46.9750, -30.7299, 18.3324 Background



This preview shows how black text looks on a background with the HunterLab color 46.9750, -30.7299, 18.3324.



This preview shows how white text looks on a background with the HunterLab color 46.9750,

-30.7299, 18.3324.

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

46.9750, -30.7299, 18.3324

Protanopia

46.7667, -5.1055, 20.2889

Deuteranopia

46.6091, 3.1847, 17.3060



Tritanopia

46.8238, -14.9471, -7.4130

Trichromacy



Original Color

46.9750, -30.7299, 18.3324

Protanomaly

46.1059, -16.4386, 18.8536

Deuteranomaly

45.6184, -11.8898, 16.7317

Tritanomaly

46.7253, -21.5921, 3.7945

Monochromacy



Original Color

46.9750, -30.7299, 18.3324

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

41.9883, -14.0895, 8.2412

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9750, -30.7299, 18.3324 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(58, 146, 82)` looks like.

```
.text, #text, p{  
    color:rgb(58, 146, 82)  
}
```

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(58, 146, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 146, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9750, -30.7299, 18.3324 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(58, 146, 82) }
```


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

```
.border{ border-color:rgb(58, 146, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 146, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 146, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 146, 82);  
box-shadow:4px 4px 4px 4px rgb(58, 146,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9750, -30.7299, 18.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 146, 82) }
```

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

```
.background{ background-color: rgb(58, 146,  
82) }
```

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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