

Converting Colors

HunterLab(46.5728, -29.9386,
7.5912)

Have a look what the booklet for
HunterLab(46.5728, -29.9386,
7.5912) contains.

HunterLab(46.4652, -29.7719, 7.4140)	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(46.4652,
-29.7719, 7.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9173
RGB	15, 145, 115
RGB Percent	6%, 57%, 45%
CMY	0.9411, 0.4314, 0.5490
CMYK	0.90, 0.00, 0.21, 0.43
HSL	166°, 81%, 31%
HSV	166°, 90%, 57%
XYZ	13.4169, 21.5901, 19.6798
YIQ	102.7100, -67.8500, -36.8900

Conversions

Conversions Part 2

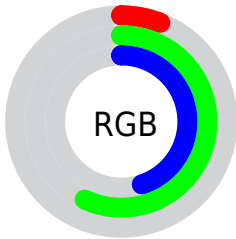
Format	Color
R_YB	15, 88, 145
Decimal	1020275
CIE Lab	53.59, -39.61, 6.90
CIE LCh	54, 40.211, 170.115
Yxy	21.5910, 0.2453, 0.3948
Android (android.graphics.Color)	4279210355 (0xFF0F9173)
YUV	102.7100, 6.0590, -76.9217
Hunter-Lab	46.4652, -29.7719, 7.4140

Details

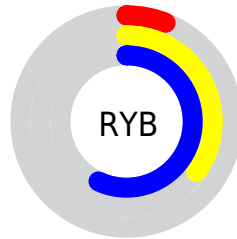
The HunterLab color **46.4652, -29.7719, 7.4140** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **25.5958, 41.1407, 10.7389**, and the grayscale version is **36.7169, -1.9591, 1.9949**.

A 20% lighter version of the original color is **67.9871, -35.6200, 9.3873**, and **28.6949, -19.5641, 6.3671** is the 20% darker color. If you saturate the color by 10%, you get **46.2785, -30.7003, 8.4688**, and if you desaturate by 10%, it is **46.7296, -28.5367, 6.4107**.

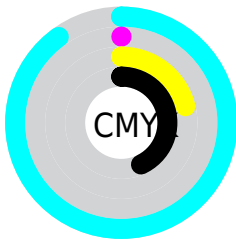
Distribution



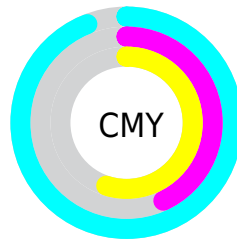
- Red (6%)
- Green (57%)
- Blue (45%)



- Red (6%)
- Yellow (35%)
- Blue (57%)



- Cyan (90%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (94%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4652, -29.7719, 7.4140 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 46.4652, -29.7719, 7.4140 by changing the saturation by 10% instead.

46.4652, -29.7719,
7.4140

46.4652, -29.7719,
7.4140

161.3700,
-53.2464, 16.4291

36.8194, -26.6407,
6.4804

67.8742, -35.5529,
9.3104

27.9517, -23.2746,
5.5486

79.5497, -38.2712,
10.2780

19.9387, -19.5776,
4.6088

91.8272, -40.9049,
11.2610

12.8836, -16.1320,
3.6411

104.6784,
-43.4696, 12.2603

6.3045, -11.0329,
4.4132

118.0788,
-45.9776, 13.2764

0.0000, NaN, NaN

0.0000, NaN, NaN

132.0067,

-48.4381, 14.3098

0.0000, NaN, NaN

146.4429,
-50.8590, 15.3607

0.0000, NaN, NaN

■ 46.4652, -29.7719,
7.4140

■ 46.4652, -29.7719,
7.4140

■ 46.2785, -30.7003,
8.4688

■ 46.7296, -28.5367,
6.4107

■ 46.2721, -30.7320,
8.5055

■ 47.1007, -26.8729,
5.5003

■ 47.5901, -24.7524,
4.7024

■ 48.2049, -22.1637,
4.0326

■ 48.9501, -19.1097,
3.5028

■ 49.8282, -15.6055,
3.1211

■ 50.8400, -11.6754,
2.8924

■ 51.9846, -7.3512,
2.8180

■ 53.2597, -2.6690,
2.8965

Harmonies

Analogous

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



46.4661, -24.3930, 18.0104



46.4652, -29.7719, 7.4140



46.4661, -28.6620, -9.0843

Triad

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



46.4661, -29.7722, 7.4145



46.4661, 8.9321, -35.6375



46.4661, 19.6461, 20.2305

Complementary

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



46.4652, -29.7719, 7.4140



25.5958, 41.1407, 10.7389

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.



46.4661, 31.1933, 11.7519



46.4652, -29.7719, 7.4140



46.4661, 24.4344, -21.2642

Square

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



46.4661, -29.7722, 7.4145



46.4661, -7.8001, -38.0718



46.4661, 33.0584, -2.9516



46.4661, 3.0870, 23.5109

Rectangle

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



46.4652, -29.7719, 7.4140



46.4661, -24.3270, -21.4016



46.4661, 33.0584, -2.9516



46.4661, 24.3347, 18.0676

Sweetspot

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



46.4661, -29.7722, 7.4145



66.9480, -19.8324, 4.0959



45.6637, -35.7030, 26.9254



31.3966, -10.0613, 1.9878



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.



46.4661, -29.7722, 7.4145



61.8993, -41.2614, 11.7029



36.5663, -10.6815, -21.0917



24.6887, -3.3841, 1.3370



42.8585, -28.4328, 7.8088



4.2304, -2.5393, 0.1940

Inverse Universe

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



25.5958, 41.1407, 10.7389



33.1043, 57.2313, 17.2119



28.8235, 29.3878, 17.3450



23.3307, 0.9199, 1.3301



22.9419, 39.7243, 11.4477



2.3073, 4.1189, 0.1910

Previews

White Background



This preview shows how the HunterLab color 46.4652, -29.7719, 7.4140 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 46.4652, -29.7719, 7.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

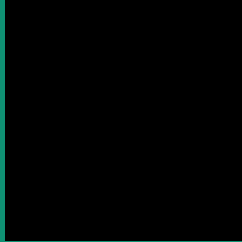
Any Text WCAG AA ✓ Pass

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 46.4652, -29.7719, 7.4140 Background



This preview shows how black text looks on a background with the HunterLab color 46.4652, -29.7719, 7.4140.



This preview shows how white text looks on a background with the HunterLab color 46.4652, -29.7719, 7.4140.

-29.7719, 7.4140.

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

46.4652, -29.7719, 7.4140

Protanopia

46.1386, -3.2802, 10.8505

Deuteranopia

46.1224, 2.9908, 5.6305



Tritanopia

46.4450, -19.4380, -9.0965

Trichromacy



Original Color

46.4652, -29.7719, 7.4140

Protanomaly

45.1425, -17.3156, 8.5113

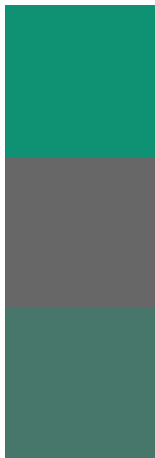
Deuteranomaly

44.7520, -13.6592, 4.6294

Tritanomaly

46.4094, -23.7019, -2.5359

Monochromacy



Original Color

46.4652, -29.7719, 7.4140

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

39.1893, -15.1496, 2.8385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4652, -29.7719, 7.4140 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(15, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(15, 145, 115)  
}
```

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(15, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 145, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4652, -29.7719, 7.4140 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(15, 145, 115) }
```


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

```
.border{ border-color:rgb(15, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(15, 145,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4652, -29.7719, 7.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 145, 115) }
```

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

```
.background{ background-color: rgb(15, 145,  
115) }
```

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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