

Converting Colors

HunterLab(43.3191, -48.9556,
1.4527)

Have a look what the booklet for
HunterLab(43.3191, -48.9556,
1.4527) contains.

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Color

**HunterLab(47.4720,
-30.5093, 6.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	009478
RGB	0, 148, 120
RGB Percent	0%, 58%, 47%
CMY	0.9999, 0.4196, 0.5294
CMYK	1.00, 0.00, 0.19, 0.42
HSL	169°, 100%, 29%
HSV	169°, 100%, 58%
XYZ	13.9801, 22.5359, 21.3823
YIQ	100.5560, -79.2200, -40.0840

Conversions

Conversions Part 2

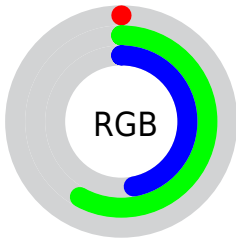
Format	Color
RYB	0, 82, 148
Decimal	38008
CIELab	54.59, -40.34, 5.46
CIELCh	55, 40.706, 172.293
Yxy	22.5368, 0.2415, 0.3892
Android (android.graphics.Color)	4278228088 (0xFF009478)
YUV	100.5560, 9.5859, -88.1876
Hunter-Lab	47.4720, -30.5093, 6.5250

Details

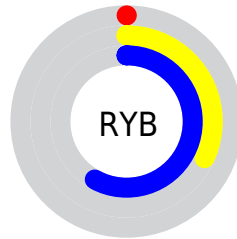
The HunterLab color **47.4720, -30.5093, 6.5250** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **25.2594, 43.5864, 13.7467**, and the grayscale version is **35.8962, -1.9153, 1.9503**.

A 20% lighter version of the original color is **69.0426, -36.4383, 8.3893**, and **29.7214, -19.8662, 5.7361** is the 20% darker color. If you saturate the color by 10%, you get **47.4727, -30.5104, 6.5264**, and if you desaturate by 10%, it is **47.6505, -29.6440, 5.6078**.

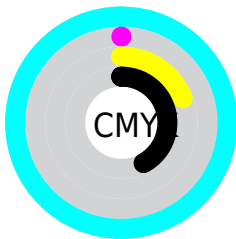
Distribution



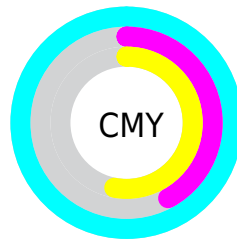
- Red (0%)
- Green (58%)
- Blue (47%)



- Red (0%)
- Yellow (32%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4720, -30.5093, 6.5250 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 47.4720, -30.5093, 6.5250 by changing the saturation by 10% instead.

47.4720, -30.5093,
6.5250

47.4720, -30.5093,
6.5250

162.8916,
-54.2543, 14.9644

37.7516, -27.3461,
5.6791

69.0156, -36.3547,
8.2667

28.8028, -23.9495,
4.8448

80.7529, -39.1045,
9.1647

20.7001, -20.2264,
4.0161

93.0890, -41.7690,
10.0820

13.5433, -16.4429,
3.1805

105.9963,
-44.3640, 11.0190

7.1299, -12.4774,
3.5617

119.4504,
-46.9014, 11.9758

0.0000, NaN, NaN

0.0000, NaN, NaN

133.4301,

-49.3907, 12.9523

0.0000, NaN, NaN

147.9162,
-51.8396, 13.9485

0.0000, NaN, NaN

■ 47.4720, -30.5093,
6.5250

■ 47.4720, -30.5093,
6.5250

■ 47.4727, -30.5104,
6.5264

■ 47.6505, -29.6440,
5.6078

■ 47.9030, -28.4770,
4.7546

■ 48.2643, -26.8795,
4.0113

■ 48.7455, -24.8204,
3.3968

■ 49.3542, -22.2858,
2.9255

■ 50.0958, -19.2767,
2.6081

■ 50.9731, -15.8066,
2.4512

■ 51.9871, -11.8988,
2.4578

■ 53.1371, -7.5842,
2.6276

Harmonies

Analogous

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



47.4729, -25.4983, 17.8064



47.4720, -30.5093, 6.5250



47.4729, -28.8950, -10.6234

Triad

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



47.4729, -30.5096, 6.5255



47.4729, 10.3597, -35.5799



47.4729, 18.8968, 21.0425

Complementary

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



47.4720, -30.5093, 6.5250



25.2594, 43.5864, 13.7467

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.



47.4729, 31.2281, 12.8316



47.4720, -30.5093, 6.5250



47.4729, 25.8407, -20.3326

Square

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



47.4729, -30.5096, 6.5255



47.4729, -6.7931, -39.1032



47.4729, 33.9318, -1.7272



47.4729, 1.8775, 24.0725

Rectangle

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



47.4720, -30.5093, 6.5250



47.4729, -24.1585, -23.1148



47.4729, 33.9318, -1.7272



47.4729, 23.8198, 18.9688

Sweetspot

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



47.4729, -30.5096, 6.5255



67.6315, -21.2937, 3.2624



46.3151, -38.2154, 27.8695



32.0918, -11.0443, 1.5871



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.4729, -30.5096, 6.5255



63.0392, -40.6420, 8.9409



34.5830, -7.5816, -26.8577



25.5805, -3.4734, 1.2724



43.8782, -28.1716, 5.9705



4.8944, -2.8750, 0.0887

Inverse Universe

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



25.2594, 43.5864, 13.7467



33.5221, 57.7910, 18.6893



28.5102, 32.3089, 18.1326



24.1501, 0.9245, 1.4890



23.3507, 40.3092, 12.6047



2.6467, 4.6923, 0.4715

Previews

White Background



This preview shows how the HunterLab color 47.4720, -30.5093, 6.5250 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 47.4720, -30.5093, 6.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

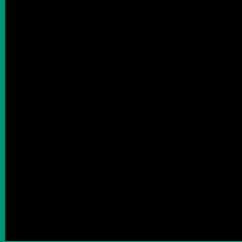
Any Text WCAG AA ✓ Pass

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 47.4720, -30.5093, 6.5250 Background



This preview shows how black text looks on a background with the HunterLab color 47.4720, -30.5093, 6.5250.



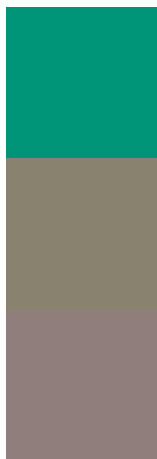
This preview shows how white text looks on a background with the HunterLab color 47.4720, -30.5093, 6.5250.

-30.5093, 6.5250.

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

47.4720, -30.5093, 6.5250

Protanopia

47.3617, -3.1021, 10.3032

Deuteranopia

47.2564, 2.9097, 4.8274



Tritanopia

47.4836, -20.0263, -9.8122

Trichromacy



Original Color

47.4720, -30.5093, 6.5250

Protanomaly

45.9701, -18.6565, 7.4676

Deuteranomaly

45.5583, -15.0246, 3.4228

Tritanomaly

47.3821, -24.5763, -3.2562

Monochromacy



Original Color

47.4720, -30.5093, 6.5250

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

38.8967, -16.2148, 2.0584

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4720, -30.5093, 6.5250 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(0, 148, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 120)  
}
```

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(0, 148, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4720, -30.5093, 6.5250 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(0, 148, 120) }
```


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

```
.border{ border-color:rgb(0, 148, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4720, -30.5093, 6.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 120) }
```

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

```
.background{ background-color: rgb(0, 148,  
120) }
```

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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