

Converting Colors

HunterLab(46.7634, -25.0059,
6.0083)

Have a look what the booklet for
HunterLab(46.7634, -25.0059,
6.0083) contains.

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Color

**HunterLab(46.7663,
-24.9700, 5.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	398F78
RGB	57, 143, 120
RGB Percent	22%, 56%, 47%
CMY	0.7765, 0.4392, 0.5294
CMYK	0.60, 0.00, 0.16, 0.44
HSL	164°, 43%, 39%
HSV	164°, 60%, 56%
XYZ	14.9000, 21.8709, 21.2055
YIQ	114.6640, -43.8730, -25.3850

Conversions

Conversions Part 2

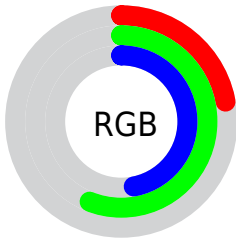
Format	Color
R_{YB}	57, 107, 143
Decimal	3772280
CIE _{Lab}	53.89, -31.65, 4.57
CIE _{LCh}	54, 31.978, 171.782
Yxy	21.8717, 0.2570, 0.3772
Android (android.graphics.Color)	4281962360 (0xFF398F78)
YUV	114.6640, 2.6306, -50.5713
Hunter-Lab	46.7663, -24.9700, 5.8522

Details

The HunterLab color **46.7663, -24.9700, 5.8522** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.5707, 29.6449, 4.6357**, and the grayscale version is **41.2794, -2.2026, 2.2428**.

A 20% lighter version of the original color is **68.1335, -29.5751, 7.5020**, and **28.4994, -18.5773, 4.4813** is the 20% darker color. If you saturate the color by 10%, you get **46.2795, -27.1094, 6.8055**, and if you desaturate by 10%, it is **47.3789, -22.3665, 5.0126**.

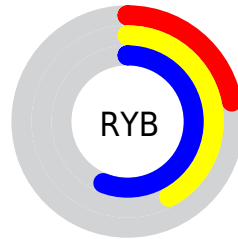
Distribution



Red (22%)

Green (56%)

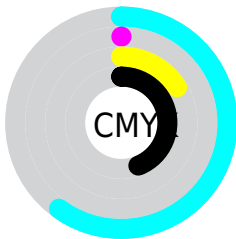
Blue (47%)



Red (22%)

Yellow (42%)

Blue (56%)

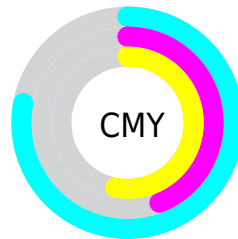


Cyan (60%)

Magenta (0%)

Yellow (16%)

Black (44%)



Cyan (78%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7663, -24.9700, 5.8522 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 46.7663, -24.9700, 5.8522 by changing the saturation by 10% instead.

■ 46.7663, -24.9700,
5.8522

■ 46.7663, -24.9700,
5.8522

161.8257,
-44.7577, 13.9196

■ 37.0981, -22.4090,
5.0611

■ 68.2158, -29.7510,
7.4958

■ 28.2060, -19.6783,
4.2866

■ 79.9098, -32.0213,
8.3491

■ 20.1660, -16.7059,
3.5247

■ 92.2049, -34.2340,
9.2240

■ 13.0802, -13.4881,
2.7655

■ 105.0730,
-36.4006, 10.1205

■ 6.5629, -11.4851,
3.2443

■ 118.4895,
-38.5300, 11.0386

0.0000, NaN, NaN

0.0000, NaN, NaN

132.4329,

-40.6290, 11.9779

0.0000, NaN, NaN

146.8841,
-42.7035, 12.9383

0.0000, NaN, NaN

■ 46.7663, -24.9700,
5.8522

■ 46.7663, -24.9700,
5.8522

■ 46.2795, -27.1094,
6.8055

■ 47.3789, -22.3665,
5.0126

■ 45.9086, -28.7944,
7.8543

■ 48.1193, -19.3013,
4.2983

■ 45.6441, -30.0532,
8.9791

■ 48.9910, -15.7902,
3.7198

■ 45.4539, -31.0056,
10.1188

■ 49.9945, -11.8582,
3.2837

■ 51.1291, -7.5372,
2.9932

■ 52.3923, -2.8635,
2.8486

■ 53.7809, 2.1241,
2.8476

■ 55.2906, 7.3868,
2.9860

■ 56.9167, 12.8869,
3.2577

Harmonies

Analogous

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



46.7672, -20.7399, 15.1080



46.7663, -24.9700, 5.8522



46.7672, -23.7244, -7.2807

Triad

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



46.7672, -24.9704, 5.8527



46.7672, 7.2523, -25.7264



46.7672, 14.1829, 17.7663

Complementary

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



46.7663, -24.9700, 5.8522



30.5707, 29.6449, 4.6357

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.



46.7672, 23.3542, 10.6154



46.7663, -24.9700, 5.8522



46.7672, 19.0553, -14.8993

Square

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



46.7672, -24.9704, 5.8527



46.7672, -6.0551, -28.0389



46.7672, 25.2293, -1.0221



46.7672, 1.1689, 20.6337

Rectangle

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



46.7663, -24.9700, 5.8522



46.7672, -19.8873, -16.4682



46.7672, 25.2293, -1.0221



46.7672, 17.8743, 15.8960

Sweetspot

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



46.7672, -24.9704, 5.8527



67.1569, -14.8885, 4.3118



46.5906, -27.9477, 23.2931



31.9772, -7.8345, 2.1255



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.



46.7672, -24.9704, 5.8527



61.7464, -37.1074, 9.5689



41.6668, -13.3710, -11.5384



24.6821, -3.4211, 1.4319



42.7443, -29.1288, 9.4541



4.2231, -2.5832, 0.2978

Inverse Universe

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



30.5707, 29.6449, 4.6357



36.9173, 47.9556, 8.7710



33.5473, 19.1159, 14.1644



23.3373, 0.9555, 1.2356



23.0035, 39.9519, 10.5418



2.3205, 4.1672, 0.0017

Previews

White Background



This preview shows how the HunterLab color 46.7663, -24.9700, 5.8522 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 46.7663, -24.9700, 5.8522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

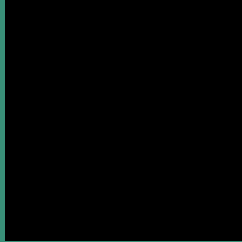
Any Text WCAG AA ✓ Pass

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 46.7663, -24.9700, 5.8522 Background



This preview shows how black text looks on a background with the HunterLab color 46.7663, -24.9700, 5.8522.



This preview shows how white text looks on a background with the HunterLab color 46.7663,

-24.9700, 5.8522.

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

46.7663, -24.9700, 5.8522

Protanopia

46.5581, -2.9758, 9.1155

Deuteranopia

46.4987, 3.0852, 4.3919



Tritanopia

46.7934, -16.5758, -8.0163

Trichromacy



Original Color

46.7663, -24.9700, 5.8522

Protanomaly

45.9097, -12.5890, 7.1221

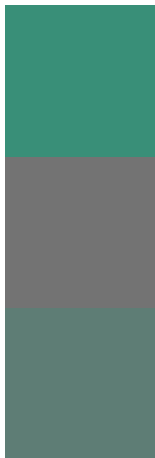
Deuteranomaly

45.8717, -9.2713, 3.8833

Tritanomaly

46.5942, -19.6601, -2.7146

Monochromacy



Original Color

46.7663, -24.9700, 5.8522

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.8150, -11.7203, 2.8717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7663, -24.9700, 5.8522 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(57, 143, 120)` looks like.

```
.text, #text, p{  
    color:rgb(57, 143, 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(57, 143, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 143, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7663, -24.9700, 5.8522 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(57, 143, 120) }
```


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

```
.border{ border-color:rgb(57, 143, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 143, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 143, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 143, 120); box-shadow:4px 4px 4px 4px rgb(57, 143, 120) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7663, -24.9700, 5.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 143, 120) }
```

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

```
.background{ background-color: rgb(57, 143,  
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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