

Converting Colors

HunterLab(46.3067, -5.1646,
2.7090)

Have a look what the booklet for
HunterLab(46.3067, -5.1646, 2.7090)
contains.

HunterLab(46.1495, -5.0823, 2.5523)	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(46.1495, -5.0823,
2.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	79817F
RGB	121, 129, 127
RGB Percent	47%, 51%, 50%
CMY	0.5255, 0.4941, 0.5020
CMYK	0.06, 0.00, 0.02, 0.49
HSL	165°, 3%, 49%
HSV	165°, 6%, 51%
XYZ	19.5662, 21.2978, 23.1583
YIQ	126.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

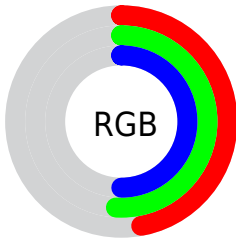
Format	Color
R_{YB}	121, 126, 129
Decimal	7963007
CIE Lab	53.27, -3.37, 0.05
CIE LCh	53, 3.367, 179.069
Yxy	21.2987, 0.3056, 0.3327
Android (android.graphics.Color)	4286153087 (0xFF79817F)
YUV	126.3800, 0.3057, -4.7183
Hunter-Lab	46.1495, -5.0823, 2.5523

Details

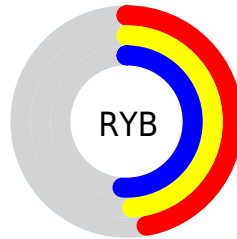
The HunterLab color $46.1495, -5.0823, 2.5523$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.4663, 0.3282, 2.4184$, and the grayscale version is $45.8264, -2.4452, 2.4898$.

A 20% lighter version of the original color is $67.5540, -6.7138, 3.6112$, and $27.6859, -3.8588, 1.5569$ is the 20% darker color. If you saturate the color by 10%, you get $45.1058, -9.0043, 2.6697$, and if you desaturate by 10%, it is $47.3069, -0.8660, 2.5655$.

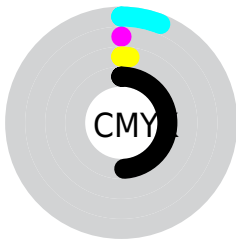
Distribution



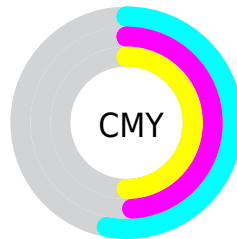
- Red (47%)
- Green (51%)
- Blue (50%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (53%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1495, -5.0823, 2.5523 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 46.1495, -5.0823, 2.5523 by changing the saturation by 10% instead.

■ 46.1495, -5.0823,
2.5523

■ 46.1495, -5.0823,
2.5523

160.8917,
-12.5890, 8.8198

■ 36.5274, -4.3683,
2.0261

■ 67.5160, -6.5860,
3.7215

■ 27.6854, -3.6768,
1.5415

■ 79.1720, -7.3738,
4.3585

■ 19.7008, -3.0067,
1.1032

■ 91.4309, -8.1856,
5.0282

■ 12.6781, -2.3531,
0.7167

104.2644, -9.0209,
5.7291

■ 6.0212, -2.7577,
0.3654

117.6478, -9.8793,
6.4598

0.0000, NaN, NaN

131.5594,

0.0000, NaN, NaN

-10.7605, 7.2192

0.0000, NaN, NaN

145.9798,
-11.6638, 8.0062

0.0000, NaN, NaN

■ 46.1495, -5.0823,
2.5523

■ 46.1495, -5.0823,
2.5523

■ 45.1058, -9.0043,
2.6697

■ 47.3069, -0.8660,
2.5655

■ 44.1750, -12.5969,
2.9169

■ 48.5717, 3.6141,
2.7038

■ 43.3595, -15.8319,
3.2936

■ 49.9413, 8.3236,
2.9630

■ 42.6593, -18.6853,
3.7960

■ 51.4112, 13.2306,
3.3372

■ 42.0728, -21.1404,
4.4175

■ 52.9770, 18.3054,
3.8195

■ 41.5968, -23.1897,
5.1485

■ 54.6339, 23.5212,
4.4027

■ 41.2259, -24.8372,
5.9765

■ 56.3773, 28.8539,
5.0795

■ 40.9525, -26.1003,
6.8859

■ 58.2024, 34.2827,
5.8426

■ 40.7601, -27.0367,
7.8516

■ 60.1046, 39.7896,
6.6849

Harmonies

Analogous

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



46.1505, -4.7148, 3.7884



46.1495, -5.0823, 2.5523



46.1505, -4.7570, 1.2712

Triad

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



46.1505, -5.0833, 2.5530



46.1505, -1.1711, 0.2554



46.1505, -1.0957, 4.6214

Complementary

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



46.1495, -5.0823, 2.5523



44.4663, 0.3282, 2.4184

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.



46.1505, -0.1272, 3.7195



46.1495, -5.0823, 2.5523



46.1505, -0.1711, 1.1983

Square

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



46.1505, -5.0833, 2.5530



46.1505, -2.5080, -0.0786



46.1505, 0.2131, 2.4711



46.1505, -2.4219, 4.9608

Rectangle

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



46.1495, -5.0823, 2.5523



46.1505, -4.1873, 0.5679



46.1505, 0.2131, 2.4711



46.1505, -0.7170, 4.3752

Sweetspot

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



46.1505, -5.0833, 2.5530



62.3822, -4.5024, 3.4025



46.1549, -5.3967, 5.1084



29.6895, -2.1030, 1.6188



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



46.1505, -5.0833, 2.5530



61.6161, -7.3245, 3.4238



45.6771, -3.9078, 1.1177



22.1604, -2.6556, 1.2320



40.1813, -27.0174, 8.0997

0.0000, NaN, NaN

Inverse Universe

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



44.4663, 0.3282, 2.4184



59.0159, 1.0311, 3.2164



44.9234, -0.8495, 3.7921



21.2112, 0.3945, 1.1563



21.5737, 37.4265, 10.2129

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 46.1495, -5.0823, 2.5523 looks on a white background.

Color Contrast Check

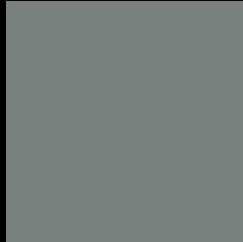
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1495, -5.0823, 2.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

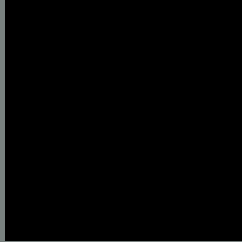
Any Text WCAG AA ✓ Pass

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 46.1495, -5.0823, 2.5523 Background



This preview shows how black text looks on a background with the HunterLab color 46.1495, -5.0823, 2.5523.



This preview shows how white text looks on a background with the HunterLab color 46.1495, -5.0823,

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

46.1495, -5.0823, 2.5523

Protanopia

46.0151, -1.2648, 2.8991

Deuteranopia

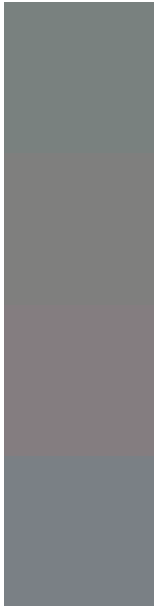
46.0580, 3.2138, 2.1479



Tritanopia

46.0389, -1.9662, -2.1442

Trichromacy



Original Color

46.1495, -5.0823, 2.5523

Protanomaly

46.0403, -2.6125, 2.9050

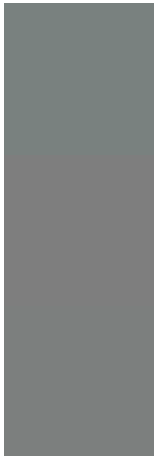
Deuteranomaly

45.9688, 0.1114, 1.9875

Tritanomaly

46.1187, -3.3807, -0.1688

Monochromacy



Original Color

46.1495, -5.0823, 2.5523

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7932, -3.4753, 2.6004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1495, -5.0823, 2.5523 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(121, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 129, 127)  
}
```

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(121, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 129, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1495, -5.0823, 2.5523 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(121, 129, 127) }
```


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

```
.border{ border-color:rgb(121, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 129, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 129, 127); box-shadow:4px 4px 4px 4px rgb(121, 129, 127) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1495, -5.0823, 2.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 129, 127) }
```

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

```
.background{ background-color: rgb(121,  
129, 127) }
```

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