

Converting Colors

HunterLab(46.9897, 12.6055,
-24.6361)

Have a look what the booklet for
HunterLab(46.9897, 12.6055,
-24.6361) contains.

HunterLab(46.9897, 12.6055, -24.6361)	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(46.9897, 12.6055,
-24.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	8779B3
RGB	135, 121, 179
RGB Percent	53%, 47%, 70%
CMY	0.4706, 0.5255, 0.2980
CMYK	0.25, 0.32, 0.00, 0.30
HSL	254°, 28%, 59%
HSV	254°, 32%, 70%
XYZ	24.9657, 22.0803, 45.5939
YIQ	131.7980, -10.2740, 21.0060

Conversions

Conversions Part 2

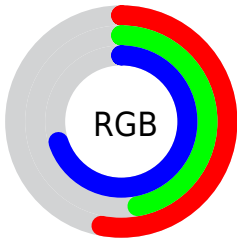
Format	Color
R_{YB}	135, 121, 179
Decimal	8878515
CIE _{Lab}	54.11, 18.00, -28.74
CIE _{LCh}	54, 33.917, 302.062
Yxy	22.0812, 0.2695, 0.2383
Android (android.graphics.Color)	4287068595 (0xFF8779B3)
YUV	131.7980, 23.2706, 2.8082
Hunter-Lab	46.9897, 12.6055, -24.6361

Details

The HunterLab color $46.9897, 12.6055, -24.6361$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64.5140, -15.8139, 22.8511$, and the grayscale version is $47.8706, -2.5543, 2.6009$.

A 20% lighter version of the original color is $68.3404, 13.4172, -25.8426$, and $28.3300, 11.7879, -23.6465$ is the 20% darker color. If you saturate the color by 10%, you get $41.3173, 18.1678, -35.4223$, and if you desaturate by 10%, it is $52.9548, 7.3527, -14.9912$.

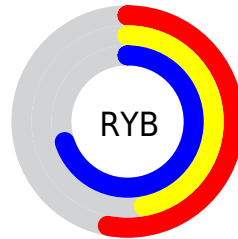
Distribution



Red (53%)

Green (47%)

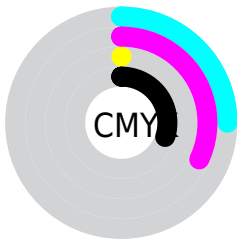
Blue (70%)



Red (53%)

Yellow (47%)

Blue (70%)

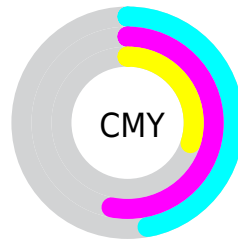


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (53%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9897, 12.6055, -24.6361 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 46.9897, 12.6055, -24.6361 by changing the saturation by 10% instead.

■ 46.9897, 12.6055,
-24.6361

■ 46.9897, 12.6055,
-24.6361

162.1635, 13.4379,
-27.3971

■ 37.3049, 12.1392,
-24.0770

■ 68.4691, 13.2572,
-25.6241

■ 28.3948, 11.5618,
-23.5101

■ 80.1769, 13.4645,
-26.0387

■ 20.3349, 10.8528,
-23.0060

■ 92.4850, 13.6029,
-26.3975

■ 13.2265, 9.9869,
-22.7619

105.3655, 13.6783,
-26.7010

■ 6.7479, 11.2759,
-25.7830

118.7939, 13.6957,
-26.9509

0.0000, NaN, -NF

0.0000, NaN, -NF

132.7489, 13.6591,

-27.1489

0.0000, NaN, NaN

147.2111, 13.5721,
-27.2970

0.0000, NaN, NaN

■ 46.9897, 12.6055,
-24.6361

■ 46.9897, 12.6055,
-24.6361

■ 41.3173, 18.1678,
-35.4223

■ 52.9548, 7.3527,
-14.9912

■ 36.0028, 24.0893,
-47.6274

■ 59.1610, 2.3517,
-6.2453

■ 31.1428, 30.3583,
-61.4726

■ 65.5736, -2.4528,
1.8018

■ 26.8711, 36.7970,
-76.8995

■ 72.1659, -7.1067,
9.3049

■ 23.3627, 42.8688,
-93.0867

■ 78.9171, -11.6464,
16.3831

■ 20.8072, 47.5262,
-107.8725

■ 85.8112, -16.1003,
23.1274

■ 19.4236, 50.0195,
-117.3379

■ 92.8351, -20.4909,
29.6081

■ 96.9242, -20.2981,
33.2803

■ 97.9973, -16.4205,
34.2951

Harmonies

Analogous

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



46.9906, -1.5400, -30.7835



46.9897, 12.6055, -24.6361



46.9906, 23.6330, -11.0467

Triad

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



46.9906, 12.6048, -24.6349



46.9906, 10.7389, 19.9865



46.9906, -26.4385, 1.6297

Complementary

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



46.9897, 12.6055, -24.6361



64.5140, -15.8139, 22.8511

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.



46.9906, -23.9502, 13.0172



46.9897, 12.6055, -24.6361



46.9906, -3.4719, 21.5893

Square

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



46.9906, 12.6048, -24.6349



46.9906, 22.4703, 14.1938



46.9906, -15.9267, 19.4597



46.9906, -23.1628, -13.1158

Rectangle

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



46.9897, 12.6055, -24.6361



46.9906, 27.1397, -1.1068



46.9906, -15.9267, 19.4597



46.9906, -26.2492, 5.9492

Sweetspot

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



46.9906, 12.6048, -24.6349



81.0662, 1.6917, -5.8812



58.6509, -12.6690, -7.1944



37.6018, 1.2220, -3.4914



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



46.9906, 12.6048, -24.6349



57.3322, 22.2261, -43.2725



49.7727, 21.1627, -19.7630



28.8547, 0.4024, -1.7463



16.4071, 42.1150, -98.0578



3.3479, 7.8948, -14.5918

Inverse Universe

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



50.9665, 23.6524, -9.5921



64.0625, 39.9124, -16.3809



62.3656, -23.8438, 20.8140



29.3444, 1.9373, -0.1440



28.3458, 52.9971, -16.2104



5.1116, 9.6969, -4.0069

Previews

White Background



This preview shows how the HunterLab color 46.9897, 12.6055, -24.6361 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 46.9897, 12.6055, -24.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

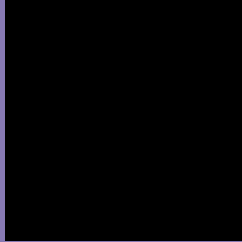
Any Text WCAG AA ✓ Pass

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 46.9897, 12.6055, -24.6361 Background



This preview shows how black text looks on a background with the HunterLab color 46.9897, 12.6055, -24.6361.



This preview shows how white text looks on a background with the HunterLab color 46.9897, 12.6055, -24.6361.

-24.6361.

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

46.9897, 12.6055, -24.6361

Protanopia

46.9938, 4.8317, -28.1708

Deuteranopia

47.1488, 3.4083, -23.8530



Tritanopia

47.0678, -1.1637, -1.7863

Trichromacy



Original Color

46.9897, 12.6055, -24.6361

Protanomaly

46.9443, 7.2901, -26.8401

Deuteranomaly

46.9246, 6.8781, -24.1836

Tritanomaly

46.9895, 3.8234, -9.5531

Monochromacy



Original Color

46.9897, 12.6055, -24.6361

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.5340, 2.4975, -6.1320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9897, 12.6055, -24.6361 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(135, 121, 179)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 179)  
}
```

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(135, 121, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9897, 12.6055, -24.6361 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(135, 121, 179) }
```


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

```
.border{ border-color:rgb(135, 121, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 121, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 179);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9897, 12.6055, -24.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 179) }
```

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

```
.background{ background-color: rgb(135,  
121, 179) }
```

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