

Converting Colors

HunterLab(46.6967, 34.3454,
-22.5122)

Have a look what the booklet for
HunterLab(46.6967, 34.3454,
-22.5122) contains.

HunterLab(46.7626, 34.5592, -22.6579)	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(46.7626, 34.5592,
-22.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	B066B0
RGB	176, 102, 176
RGB Percent	69%, 40%, 69%
CMY	0.3098, 0.6000, 0.3098
CMYK	0.00, 0.42, 0.00, 0.31
HSL	300°, 32%, 55%
HSV	300°, 42%, 69%
XYZ	30.4923, 21.8674, 43.6880
YIQ	132.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

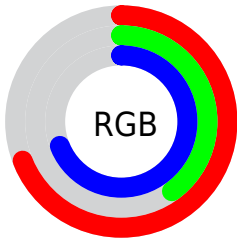
Format	Color
R_{YB}	176, 102, 176
Decimal	11560624
CIE _{Lab}	53.89, 41.05, -27.02
CIE _{LCh}	54, 49.144, 326.647
Yxy	21.8684, 0.3175, 0.2277
Android (android.graphics.Color)	4289750704 (0xFFB066B0)
YUV	132.5620, 21.4149, 38.0951
Hunter-Lab	46.7626, 34.5592, -22.6579

Details

The HunterLab color $46.7626, 34.5592, -22.6579$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $59.0216, -32.5067, 23.1710$, and the grayscale version is $48.1707, -2.5703, 2.6172$.

A 20% lighter version of the original color is $68.2587, 37.1655, -23.6015$, and $28.1696, 31.7168, -21.5274$ is the 20% darker color. If you saturate the color by 10%, you get $43.3225, 43.4385, -28.7579$, and if you desaturate by 10%, it is $50.6979, 25.3904, -16.3515$.

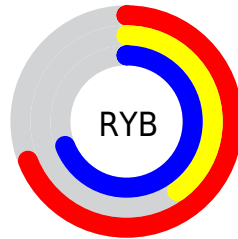
Distribution



Red (69%)

Green (40%)

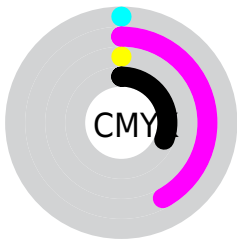
Blue (69%)



Red (69%)

Yellow (40%)

Blue (69%)

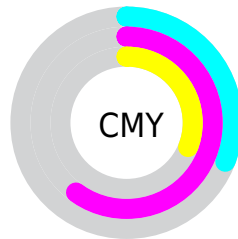


Cyan (0%)

Magenta (42%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7626, 34.5592, -22.6579 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 46.7626, 34.5592, -22.6579 by changing the saturation by 10% instead.

46.7626, 34.5592,
-22.6579

46.7626, 34.5592,
-22.6579

161.8203, 43.3960,
-25.0174

37.0948, 33.0711,
-22.1281

68.2117, 37.1757,
-23.5668

28.2030, 31.4613,
-21.5767

79.9055, 38.3229,
-23.9372

20.1633, 29.7426,
-21.0615

92.2004, 39.3730,
-24.2503

13.0779, 27.9887,
-20.7489

105.0683, 40.3334,
-24.5074

6.5599, 30.6722,
-23.7532

118.4846, 41.2104,
-24.7105

0.0000, INF, -NF

0.0000, NaN, NaN

132.4279, 42.0099,

-24.8618

0.0000, NaN, NaN

146.8789, 42.7369,
-24.9634

0.0000, NaN, NaN

■ 46.7626, 34.5592,
-22.6579

■ 46.7626, 34.5592,
-22.6579

■ 43.3225, 43.4385,
-28.7579

■ 50.6979, 25.3904,
-16.3515

■ 40.4424, 51.6472,
-34.3921

■ 55.0584, 16.1974,
-10.0212

■ 38.1818, 58.6964,
-39.2266


■ 59.7850, 7.1312,
-3.7706


■ 36.5741, 64.0946,
-42.9266


■ 64.8260, -1.7325,
2.3480


■ 35.6076, 67.5143,
-45.2695


■ 70.1383, -10.3667,
8.3155

 35.1636, 69.1328,
-46.3781

 75.6862, -18.7729,
14.1322

 81.4408, -26.9668,
19.8082

 87.3781, -34.9709,
25.3585

 91.5887, -40.4183,
29.1389

Harmonies

Analogous

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



46.7636, 16.2227, -43.9658



46.7626, 34.5592, -22.6579



46.7636, 42.9213, 0.3334

Triad

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



46.7636, 34.5576, -22.6565



46.7636, -0.2052, 26.4441



46.7636, -32.3886, -17.2361

Complementary

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



46.7626, 34.5592, -22.6579



59.0216, -32.5067, 23.1710

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.



46.7636, -35.2907, 4.6545



46.7626, 34.5592, -22.6579



46.7636, -18.6697, 24.9875

Square

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



46.7636, 34.5576, -22.6565



46.7636, 20.8225, 24.0820



46.7636, -30.7132, 18.6401



46.7636, -21.9884, -40.0136

Rectangle

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



46.7626, 34.5592, -22.6579



46.7636, 40.8223, 11.9392



46.7636, -30.7132, 18.6401



46.7636, -34.1881, -9.3210

Sweetspot

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



46.7636, 34.5576, -22.6565



79.7365, 11.0365, -6.0663



39.3233, 13.2017, -37.4690



36.4651, 6.3624, -3.6686



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



46.7636, 34.5576, -22.6565



58.8473, 57.1374, -37.7936



45.3849, 28.0143, -3.4546



29.4053, 2.2634, -1.0085



30.1201, 59.2170, -39.7260



5.3427, 10.5040, -7.0467

Inverse Universe

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



46.7636, 34.5576, -22.6565



58.8473, 57.1374, -37.7936



59.7831, -27.9876, 12.1225



29.4053, 2.2634, -1.0085



30.1201, 59.2170, -39.7260



5.3427, 10.5040, -7.0467

Previews

White Background



This preview shows how the HunterLab color 46.7626, 34.5592, -22.6579 looks on a white background.

Color Contrast Check

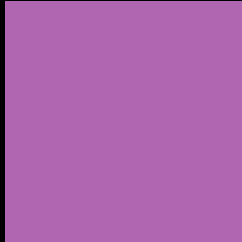
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7626, 34.5592, -22.6579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

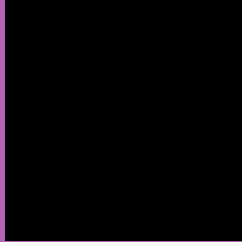
Any Text WCAG AA ✓ Pass

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 46.7626, 34.5592, -22.6579 Background



This preview shows how black text looks on a background with the HunterLab color 46.7626, 34.5592, -22.6579.



This preview shows how white text looks on a background with the HunterLab color 46.7626, 34.5592, -22.6579.

-22.6579.

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

46.7626, 34.5592, -22.6579

Protanopia

47.0824, 6.2404, -36.6442

Deuteranopia

46.9478, 3.5703, -19.6653



Tritanopia

46.7705, 16.9700, 5.7759

Trichromacy



Original Color

46.7626, 34.5592, -22.6579

Protanomaly

46.3209, 15.3689, -32.8118

Deuteranomaly

46.4214, 14.2641, -21.6405

Tritanomaly

46.7713, 22.9944, -3.2181

Monochromacy



Original Color

46.7626, 34.5592, -22.6579

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

47.4116, 10.3195, -6.1621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7626, 34.5592, -22.6579 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(176, 102, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 102, 176)  
}
```

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(176, 102, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 102, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7626, 34.5592, -22.6579 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(176, 102, 176) }
```


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

```
.border{ border-color:rgb(176, 102, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 102, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 102, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 102, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 102,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7626, 34.5592, -22.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 102, 176) }
```

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

```
.background{ background-color: rgb(176,  
102, 176) }
```

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