

# Converting Colors

HunterLab(46.6578, 43.3634,  
-52.3051)

Have a look what the booklet for  
HunterLab(46.6578, 43.3634,  
-52.3051) contains.

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# Color

**HunterLab(46.6696, 43.3553,  
-52.1587)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A861D7
RGB	168, 97, 215
RGB Percent	66%, 38%, 84%
CMY	0.3412, 0.6196, 0.1569
CMYK	0.22, 0.55, 0.00, 0.16
HSL	276°, 60%, 61%
HSV	276°, 55%, 84%
XYZ	32.6889, 21.7805, 66.7712
YIQ	131.6810, 4.4380, 51.7500

# Conversions

## Conversions Part 2

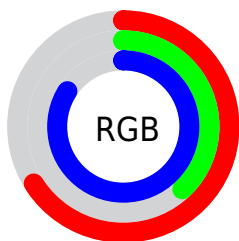
Format	Color
<a href="#">RYB</a>	<a href="#">168, 97, 215</a>
Decimal	<a href="#">11035095</a>
CIELab	<a href="#">53.79, 49.48, -49.58</a>
CIELCh	<a href="#">54, 70.048, 314.940</a>
Yxy	<a href="#">21.7814, 0.2696, 0.1797</a>
Android (android.graphics.Color)	<a href="#">4289225175</a> (0xFFA861D7)
YUV	<a href="#">131.6810, 41.0763, 31.8518</a>
Hunter-Lab	<a href="#">46.6696, 43.3553, -52.1587</a>

# Details

The HunterLab color **46.6696, 43.3553, -52.1587** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **74.4269, -39.2062, 36.1654**, and the grayscale version is **47.7524, -2.5479, 2.5945**.

A 20% lighter version of the original color is **67.2320, 42.4937, -41.2599**, and **28.0904, 39.8457, -51.2257** is the 20% darker color. If you saturate the color by 10%, you get **41.7407, 51.8307, -64.6925**, and if you desaturate by 10%, it is **52.2286, 34.4946, -40.1957**.

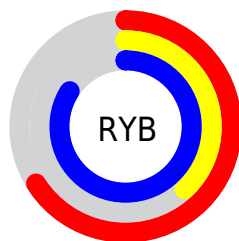
# Distribution



Red (66%)

Green (38%)

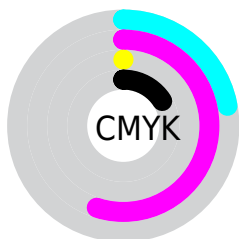
Blue (84%)



Red (66%)

Yellow (38%)

Blue (84%)

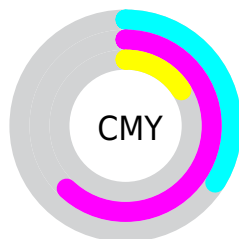


Cyan (22%)

Magenta (55%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (62%)

Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6696, 43.3553, -52.1587 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 46.6696, 43.3553, -52.1587 by changing the saturation by 10% instead.





 46.6696, 43.3553,  
-52.1587

 46.6696, 43.3553,  
-52.1587


161.6794, 54.8290,  
-58.3035


 37.0086, 41.5721,  
-51.6957


 68.1061, 46.5838,  
-53.5108

 28.1243, 39.6901,  
-51.5933


 79.7942, 48.0352,  
-54.2574

 20.0930, 37.7559,  
-52.2478

 92.0836, 49.3856,  
-55.0036

 13.0170, 35.9292,  
-54.6699

 104.9463, 50.6411,  
-55.7316

 6.4811, 39.9540,  
-68.5029

118.3576, 51.8079,  
-56.4308

0.0000, INF, -NF

0.0000, NaN, -NF


132.2961, 52.8914,


-57.0948


0.0000, NaN, -NF


146.7425, 53.8969,  
-57.7198

0.0000, NaN, NaN


 46.6696, 43.3553,  
-52.1587


 46.6696, 43.3553,  
-52.1587


 41.7407, 51.8307,  
-64.6925


 52.2286, 34.4946,  
-40.1957


 37.5664, 59.3421,  
-77.2806


 58.3042, 25.5818,  
-29.0027


 34.2711, 65.0546,  
-88.9677


 64.8082, 16.7754,  
-18.5881


 31.9272, 68.1158,  
-98.5239


 71.6708, 8.1359,  
-8.8789


 30.9874, 68.8997,  
-102.7101

 78.8378, -0.3271,  
0.2242

 86.2673, -8.6270,  
8.8208

 93.9263, -16.7863,  
17.0004

 97.1322, -17.8427,  
20.2968

 97.9040, -15.0688,  
21.1304

# Harmonies

## Analogous

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



46.6705, 12.6396, -82.2488



46.6696, 43.3553, -52.1587



46.6705, 63.8271, -13.3028

# Triad

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



46.6705, 43.3545, -52.1570



46.6705, 12.7658, 30.1397



46.6705, -44.8122, -13.1615

# Complementary

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



46.6696, 43.3553, -52.1587



74.4269, -39.2062, 36.1654

# 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.



46.6705, -44.7942, 14.2480



46.6696, 43.3553, -52.1587



46.6705, -15.9131, 30.1452

# Square

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



46.6705, 43.3545, -52.1570



46.6705, 43.4660, 26.5186



46.6705, -35.4884, 26.5457



46.6705, -35.5457, -52.0013



# Rectangle

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



46.6696, 43.3553, -52.1587



46.6705, 66.3838, 6.8478



46.6705, -35.4884, 26.5457



46.6705, -45.8029, -2.2211

# Sweetspot

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



46.6705, 43.3545, -52.1570



85.8613, 11.1914, -12.2265



52.3982, 0.9623, -40.4420



38.9125, 6.1799, -6.7685

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



46.6705, 43.3545, -52.1570



49.6739, 64.5867, -81.1827



52.2671, 55.7355, -31.0515



35.1774, 1.6253, -1.7865



24.0964, 53.4438, -78.8317



6.3065, 13.6065, -17.6807



# Inverse Universe

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



50.0108, 45.7335, 0.3352



55.0928, 66.9950, 2.3449



72.2791, -47.5097, 31.8839



35.3581, 1.8644, 1.3229



30.0983, 52.9328, 8.6846

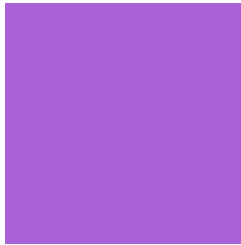


7.5000, 13.3947, 0.5768



# Previews

## White Background



This preview shows how the HunterLab color 46.6696, 43.3553, -52.1587 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

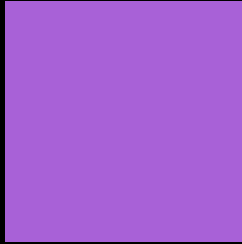
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 46.6696, 43.3553, -52.1587 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

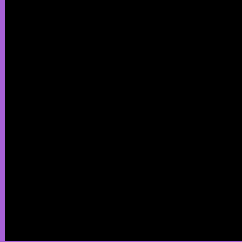
Any Text WCAG AA ✓ Pass

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 46.6696, 43.3553, -52.1587 Background



This preview shows how black text looks on a background with the HunterLab color 46.6696, 43.3553, -52.1587.



This preview shows how white text looks on a background with the HunterLab color 46.6696, 43.3553, -52.1587.



# 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

46.6696, 43.3553, -52.1587

### Protanopia

47.1554, 14.4113, -76.3123

### Deuteranopia

46.9609, 4.3003, -47.1460



## Tritanopia

46.5281, 10.2107, 2.3837

# Trichromacy



## Original Color

46.6696, 43.3553, -52.1587



## Protanomaly

45.7944, 22.3336, -70.2333



## Deuteranomaly

45.7564, 17.1777, -51.3606



## Tritanomaly

46.1279, 21.1556, -13.9532

# Monochromacy



## Original Color

46.6696, 43.3553, -52.1587



## Achromatopsia

48.0354, -2.5630, 2.6099



## Achromatomaly

46.7141, 12.9969, -14.3722

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 46.6696, 43.3553, -52.1587 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(168, 97, 215)` looks like.

```
.text, #text, p{  
    color:rgb(168, 97, 215)  
}
```

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(168, 97, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 97, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 46.6696, 43.3553, -52.1587 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(168, 97, 215) }
```



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

```
.border{ border-color:rgb(168, 97, 215) }
```

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

Here you see how a box with a 4 pixel rgb(168, 97, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 97, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 97, 215);  
box-shadow:4px 4px 4px 4px rgb(168, 97,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 46.6696, 43.3553, -52.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 97, 215) }
```

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

```
.background{ background-color: rgb(168, 97,  
215) }
```

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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