

Converting Colors

HunterLab(46.2892, 12.0076,
-20.4558)

Have a look what the booklet for
HunterLab(46.2892, 12.0076,
-20.4558) contains.

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Color

**HunterLab(46.2257, 12.1701,
-20.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	8877AB
RGB	136, 119, 171
RGB Percent	53%, 47%, 67%
CMY	0.4667, 0.5333, 0.3294
CMYK	0.20, 0.30, 0.00, 0.33
HSL	260°, 24%, 57%
HSV	260°, 30%, 67%
XYZ	24.1008, 21.3682, 41.3822
YIQ	130.0110, -6.5600, 19.7760

Conversions

Conversions Part 2

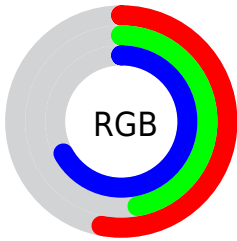
Format	Color
R_{YB}	136, 119, 171
Decimal	8943531
CIE _{Lab}	53.35, 17.55, -25.30
CIE _{LCh}	53, 30.790, 304.744
Yxy	21.3690, 0.2775, 0.2460
Android (android.graphics.Color)	4287133611 (0xFF8877AB)
YUV	130.0110, 20.2076, 5.2524
Hunter-Lab	46.2257, 12.1701, -20.7197

Details

The HunterLab color $46.2257, 12.1701, -20.7197$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61.0968, -15.7082, 20.4351$, and the grayscale version is $47.1771, -2.5172, 2.5632$.

A 20% lighter version of the original color is $67.5419, 13.0521, -21.9468$, and $27.6469, 11.4446, -20.1919$ is the 20% darker color. If you saturate the color by 10%, you get $40.9216, 17.7036, -30.2969$, and if you desaturate by 10%, it is $51.7958, 6.8647, -12.0664$.

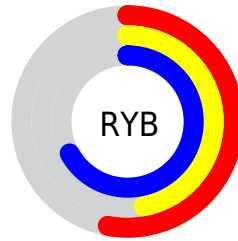
Distribution



Red (53%)

Green (47%)

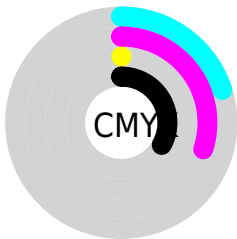
Blue (67%)



Red (53%)

Yellow (47%)

Blue (67%)

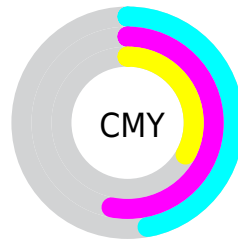


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2257, 12.1701, -20.7197 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 46.2257, 12.1701, -20.7197 by changing the saturation by 10% instead.

■ 46.2257, 12.1701,
-20.7197

■ 46.2257, 12.1701,
-20.7197

161.0072, 12.8761,
-22.6769

■ 36.5978, 11.7189,
-20.2227

■ 67.6024, 12.7917,
-21.5474

■ 27.7496, 11.1566,
-19.6926

■ 79.2632, 12.9844,
-21.8732

■ 19.7582, 10.4621,
-19.1771

■ 91.5266, 13.1085,
-22.1405

■ 12.7276, 9.6094,
-18.8195

104.3644, 13.1698,
-22.3513

■ 6.0908, 12.2287,
-22.4853

117.7519, 13.1734,
-22.5081

0.0000, NaN, -NF

0.0000, NaN, NaN

131.6674, 13.1234,

-22.6130

0.0000, NaN, NaN

146.0916, 13.0232,
-22.6686

0.0000, NaN, NaN

■ 46.2257, 12.1701,
-20.7197

■ 46.2257, 12.1701,
-20.7197

■ 40.9216, 17.7036,
-30.2969

■ 51.7958, 6.8647,
-12.0664

■ 35.9386, 23.4878,
-41.0062

■ 57.5868, 1.7526,
-4.1525

■ 31.3572, 29.4864,
-53.0109

■ 63.5680, -3.2055,
3.1786

■ 27.2858, 35.5284,
-66.2838

■ 69.7153, -8.0436,
10.0507

■ 23.8642, 41.1721,
-80.2968

■ 76.0102, -12.7900,
16.5601

■ 21.2466, 45.5958,
-93.6254

■ 82.4379, -17.4677,
22.7821

■ 19.4377, 48.4140,
-104.6963

■ 88.9863, -22.0950,
28.7754

■ 95.3768, -26.2999,
34.3595

■ 96.3918, -22.5648,
35.3026

Harmonies

Analogous

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



46.2266, -0.4476, -26.8592



46.2257, 12.1701, -20.7197



46.2266, 21.5545, -8.4404

Triad

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



46.2266, 12.1693, -20.7186



46.2266, 8.3323, 18.8876



46.2266, -24.2266, 0.5688

Complementary

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



46.2257, 12.1701, -20.7197



61.0968, -15.7082, 20.4351

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.



46.2266, -22.4089, 11.3115



46.2257, 12.1701, -20.7197



46.2266, -4.4562, 20.0996

Square

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



46.2266, 12.1693, -20.7186



46.2266, 19.1781, 13.8211



46.2266, -15.4858, 17.7342



46.2266, -20.7451, -12.6450

Rectangle

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



46.2257, 12.1701, -20.7197



46.2266, 24.2240, 0.3541



46.2266, -15.4858, 17.7342



46.2266, -24.2113, 4.5788

Sweetspot

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



46.2266, 12.1693, -20.7186



78.0524, 1.5065, -4.2931



54.9095, -9.6107, -7.9353



36.3292, 1.1622, -2.7068



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



46.2266, 12.1693, -20.7186



57.3953, 20.8601, -35.5478



48.7446, 19.9422, -16.4783



28.0706, 0.5800, -1.6025



16.9532, 42.1069, -90.3932



3.3178, 7.5403, -12.2626

Inverse Universe

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



49.1787, 20.0119, -6.2043



62.3064, 33.2999, -10.5731



59.2359, -22.6757, 18.6343



28.4655, 1.7561, 0.1584



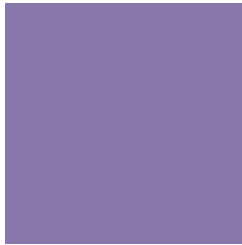
27.3342, 50.2671, -9.1304



4.6621, 8.7513, -2.9365

Previews

White Background



This preview shows how the HunterLab color 46.2257, 12.1701, -20.7197 looks on a white background.

Color Contrast Check

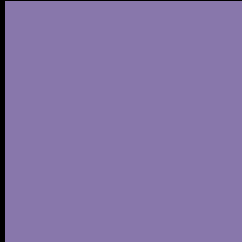
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2257, 12.1701, -20.7197 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 46.2257, 12.1701, -20.7197 Background



This preview shows how black text looks on a background with the HunterLab color 46.2257, 12.1701, -20.7197.



This preview shows how white text looks on a background with the HunterLab color 46.2257, 12.1701, -20.7197.

-20.7197.

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

46.2257, 12.1701, -20.7197

Protanopia

46.3692, 3.4644, -23.8865

Deuteranopia

46.4821, 3.3426, -19.8086



Tritanopia

46.3089, 0.3318, -1.2807

Trichromacy



Original Color

46.2257, 12.1701, -20.7197

Protanomaly

46.1377, 6.7265, -22.9121

Deuteranomaly

46.2096, 6.6296, -20.2051

Tritanomaly

46.0884, 4.6422, -8.0977

Monochromacy



Original Color

46.2257, 12.1701, -20.7197

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.7671, 2.4606, -5.1005

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2257, 12.1701, -20.7197 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(136, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 171)  
}
```

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(136, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2257, 12.1701, -20.7197 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(136, 119, 171) }
```


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

```
.border{ border-color:rgb(136, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 119, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 119, 171); box-shadow:4px 4px 4px 4px rgb(136, 119, 171) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2257, 12.1701, -20.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 119, 171) }
```

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

```
.background{ background-color: rgb(136,  
119, 171) }
```

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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