

Converting Colors

HunterLab(46.7474, 30.8813,
-20.1568)

Have a look what the booklet for
HunterLab(46.7474, 30.8813,
-20.1568) contains.

HunterLab(46.7465, 30.8812, -20.1570)	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(46.7465, 30.8812,
-20.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	AC69AC
RGB	172, 105, 172
RGB Percent	67%, 41%, 67%
CMY	0.3255, 0.5882, 0.3255
CMYK	0.00, 0.39, 0.00, 0.33
HSL	300°, 29%, 54%
HSV	300°, 39%, 67%
XYZ	29.5112, 21.8524, 41.6923
YIQ	132.6710, 18.4250, 35.0410

Conversions

Conversions Part 2

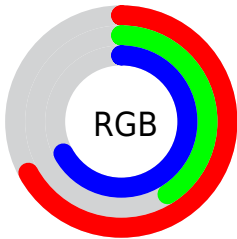
Format	Color
R _Y B	172, 105, 172
Decimal	11299244
CIE Lab	53.87, 37.41, -24.77
CIE LCh	54, 44.863, 326.494
Yxy	21.8533, 0.3171, 0.2348
Android (android.graphics.Color)	4289489324 (0xFFAC69AC)
YUV	132.6710, 19.3892, 34.4915
Hunter-Lab	46.7465, 30.8812, -20.1570

Details

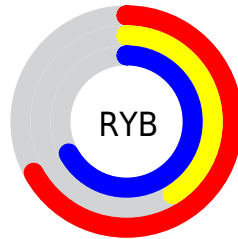
The HunterLab color $46.7465, 30.8812, -20.1570$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57.9042, -30.0333, 21.4688$, and the grayscale version is $48.2221, -2.5730, 2.6200$.

A 20% lighter version of the original color is $68.3470, 33.2892, -20.9744$, and $28.1351, 27.9569, -18.9526$ is the 20% darker color. If you saturate the color by 10%, you get $43.2396, 39.6449, -26.1797$, and if you desaturate by 10%, it is $50.7135, 21.9291, -13.9974$.

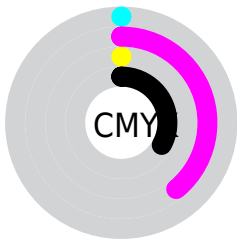
Distribution



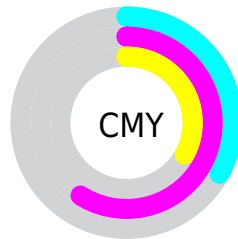
- Red (67%)
- Green (41%)
- Blue (67%)



- Red (67%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7465, 30.8812, -20.1570 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 46.7465, 30.8812, -20.1570 by changing the saturation by 10% instead.

46.7465, 30.8812,
-20.1570

46.7465, 30.8812,
-20.1570

161.7960, 38.5331,
-21.9514

37.0799, 29.5339,
-19.6742

68.1934, 33.2162,
-20.9497

28.1894, 28.0596,
-19.1534

79.8863, 34.2257,
-21.2570

20.1511, 26.4607,
-18.6360

92.1802, 35.1409,
-21.5057

13.0674, 24.7836,
-18.2478

105.0472, 35.9692,
-21.6980

6.5463, 27.1812,
-20.7671

118.4626, 36.7173,
-21.8363

0.0000, INF, -NF

0.0000, NaN, NaN

132.4051, 37.3907,

-21.9231

0.0000, NaN, NaN

146.8553, 37.9945,
-21.9607

0.0000, NaN, NaN

■ 46.7465, 30.8812,
-20.1570

■ 46.7465, 30.8812,
-20.1570

■ 43.2396, 39.6449,
-26.1797

■ 50.7135, 21.9291,
-13.9974

■ 40.2562, 47.8892,
-31.8400

■ 55.0744, 13.0099,
-7.8533

■ 37.8583, 55.1650,
-36.8310

■ 59.7743, 4.2436,
-1.8071

■ 36.0880, 60.9815,
-40.8184

■ 64.7657, -4.3139,
4.1024

■ 34.9502, 64.9497,
-43.5374

■ 70.0092, -12.6467,
9.8637

■ 34.3344, 67.1805,
-45.0654

■ 75.4725, -20.7615,
15.4807

■ 34.2773, 67.3903,
-45.2091

■ 81.1288, -28.6765,
20.9653

■ 86.9565, -36.4141,
26.3323

■ 91.2521, -41.8935,
30.1361

Harmonies

Analogous

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



46.7475, 14.3887, -38.8052



46.7465, 30.8812, -20.1570



46.7475, 38.4007, 0.4357

Triad

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



46.7475, 30.8796, -20.1557



46.7475, -0.3098, 25.2384



46.7475, -30.1767, -15.1337

Complementary

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



46.7465, 30.8812, -20.1570



57.9042, -30.0333, 21.4688

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.



46.7475, -32.8744, 4.5596



46.7465, 30.8812, -20.1570



46.7475, -17.2809, 23.7799

Square

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



46.7475, 30.8796, -20.1557



46.7475, 18.7214, 22.8319



46.7475, -28.5316, 17.5926



46.7475, -20.4974, -35.2025

Rectangle

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



46.7465, 30.8812, -20.1570



46.7475, 36.5730, 11.1408



46.7475, -28.5316, 17.5926



46.7475, -31.8585, -8.0760

Sweetspot

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



46.7475, 30.8796, -20.1557



78.3977, 9.5404, -5.0730



40.1074, 11.3667, -32.7846



36.1773, 5.1308, -2.8363



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.



46.7475, 30.8796, -20.1557



58.7301, 52.1128, -34.3788



45.5240, 24.9825, -3.0757



28.5449, 2.1810, -0.9681



29.5691, 58.1338, -38.9994



4.9318, 9.6961, -6.5047

Inverse Universe

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



46.7475, 30.8796, -20.1557



58.7301, 52.1128, -34.3788



58.6161, -25.8297, 11.1522



28.5449, 2.1810, -0.9681



29.5691, 58.1338, -38.9994



4.9318, 9.6961, -6.5047

Previews

White Background



This preview shows how the HunterLab color 46.7465, 30.8812, -20.1570 looks on a white background.

Color Contrast Check

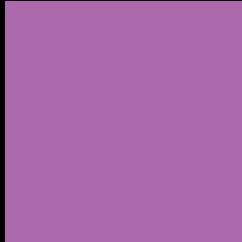
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7465, 30.8812, -20.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

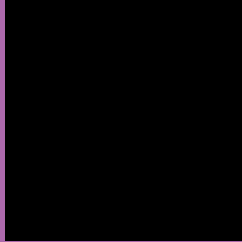
Any Text WCAG AA ✓ Pass

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 46.7465, 30.8812, -20.1570 Background



This preview shows how black text looks on a background with the HunterLab color 46.7465, 30.8812, -20.1570.



This preview shows how white text looks on a background with the HunterLab color 46.7465, 30.8812, -20.1570.

-20.1570.

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

46.7465, 30.8812, -20.1570

Protanopia

47.0150, 5.3559, -31.6498

Deuteranopia

46.9796, 3.4360, -17.7444



Tritanopia

46.7158, 15.6619, 4.8589

Trichromacy



Original Color

46.7465, 30.8812, -20.1570

Protanomaly

46.3876, 13.7129, -28.4366

Deuteranomaly

46.5120, 12.9101, -18.9617

Tritanomaly

46.4939, 20.9148, -3.1193

Monochromacy



Original Color

46.7465, 30.8812, -20.1570

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

47.4084, 8.8375, -5.1544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7465, 30.8812, -20.1570 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(172, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 105, 172)  
}
```

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(172, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 105, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7465, 30.8812, -20.1570 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(172, 105, 172) }
```


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

```
.border{ border-color:rgb(172, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 105,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7465, 30.8812, -20.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 105, 172) }
```

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

```
.background{ background-color: rgb(172,  
105, 172) }
```

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