

Converting Colors

HunterLab(66.4188, 28.0484,
-66.1757)

Have a look what the booklet for
HunterLab(66.4188, 28.0484,
-66.1757) contains.

HunterLab(65.0314, 20.3482, -45.8270)	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(65.0314, 20.3482,
-45.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A2FF
RGB	176, 162, 255
RGB Percent	69%, 64%, 100%
CMY	0.3098, 0.3647, 0.0000
CMYK	0.31, 0.36, 0.00, 0.00
HSL	249°, 100%, 82%
HSV	249°, 36%, 100%
XYZ	48.8749, 42.2908, 100.1948
YIQ	176.7880, -21.5090, 31.8910

Conversions

Conversions Part 2

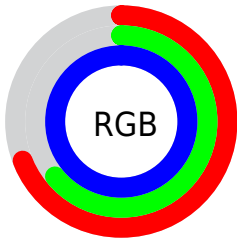
Format	Color
R _Y B	176, 162, 255
Decimal	11576063
CIE _{Lab}	71.07, 25.27, -44.41
CIE _{LCh}	71, 51.095, 299.642
Y _{xy}	42.2924, 0.2554, 0.2210
Android (android.graphics.Color)	4289766143 (0xFFB0A2FF)
Y _{UV}	176.7880, 38.5585, -0.6911
Hunter-Lab	65.0314, 20.3482, -45.8270

Details

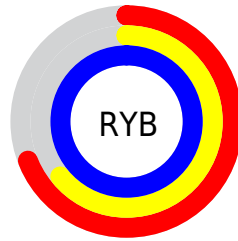
The HunterLab color $65.0314, 20.3482, -45.8270$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96.3481, -23.0690, 37.9295$, and the grayscale version is $66.0706, -3.5254, 3.5897$.

A 20% lighter version of the original color is $86.1216, 7.7768, -11.9283$, and $43.9250, 19.2557, -44.7112$ is the 20% darker color. If you saturate the color by 10%, you get $56.4572, 28.6695, -64.0643$, and if you desaturate by 10%, it is $74.1181, 12.6919, -29.7871$.

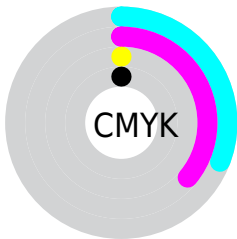
Distribution



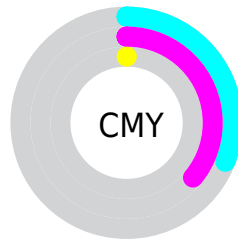
- Red (69%)
- Green (64%)
- Blue (100%)



- Red (69%)
- Yellow (64%)
- Blue (100%)



- Cyan (31%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0314, 20.3482, -45.8270 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 65.0314, 20.3482, -45.8270 by changing the saturation by 10% instead.

65.0314, 20.3482,
-45.8270

65.0314, 20.3482,
-45.8270

188.5984, 22.7725,
-50.9673

54.1575, 19.7106,
-45.1233

88.6803, 21.3553,
-47.2230

43.9668, 18.9715,
-44.4704

101.3895, 21.7427,
-47.8836

34.5102, 18.1170,
-43.9454

114.6537, 22.0608,
-48.5066

25.8498, 17.1314,
-43.7095

128.4507, 22.3150,
-49.0877

18.0669, 15.9981,
-44.1287

142.7605, 22.5096,
-49.6249

11.2744, 14.7102,
-46.1939

157.5656, 22.6486,

3.4450, 31.7792,

-50.1172

-91.9041

172.8497, 22.7352,
-50.5646

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.0314, 20.3482,
-45.8270

■ 65.0314, 20.3482,
-45.8270

■ 56.4572, 28.6695,
-64.0643

■ 74.1181, 12.6919,
-29.7871

■ 48.5286, 37.7717,
-85.0229

■ 83.6187, 5.5647,
-15.4589

■ 41.4456, 47.6158,
-108.9689

■ 93.4671, -1.1567,
-2.4398

■ 35.4877, 57.7114,
-135.1856

100.0000, -5.3358,
5.4332

■ 31.0019, 66.6554,

-160.6638

■ 28.2792, 72.1831,
-179.6646

■ 27.6397, 73.4548,
-184.6263

Harmonies

Analogous

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



65.0326, -3.7551, -55.5699



65.0314, 20.3482, -45.8270



65.0326, 40.1565, -22.0656

Triad

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



65.0326, 20.3474, -45.8246



65.0326, 20.9044, 30.7291



65.0326, -42.6787, 3.8075

Complementary

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



65.0314, 20.3482, -45.8270



96.3481, -23.0690, 37.9295

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.



65.0326, -37.9680, 21.6919



65.0314, 20.3482, -45.8270



65.0326, -3.1913, 33.4717

Square

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



65.0326, 20.3474, -45.8246



65.0326, 40.5088, 21.3721



65.0326, -24.2931, 30.8625



65.0326, -38.1873, -21.4296

Rectangle

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



65.0314, 20.3482, -45.8270



65.0326, 47.0558, -4.6490



65.0326, -24.2931, 30.8625



65.0326, -42.1299, 10.7855

Sweetspot

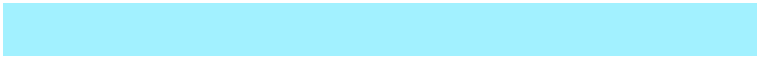
The Sweet Spot groups the original color and five complimentary colors.



65.0326, 20.3474, -45.8246



88.9655, 1.8451, -8.1978



88.2282, -24.0649, -9.6325



40.5420, 1.2755, -4.6101

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0326, 20.3474, -45.8246



58.5207, 26.5453, -59.3265



69.7587, 34.6078, -36.8191



41.8437, 0.3918, -2.9022



20.0768, 53.1725, -132.6858



6.5518, 16.8264, -39.2258

Inverse Universe

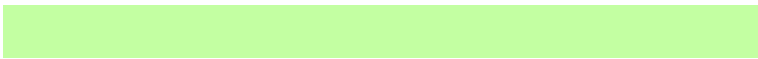
The Inverse Universe completely reimagines the original color for something new.



73.1114, 43.0517, -21.6822



68.5743, 53.0462, -26.8260



92.5588, -37.2576, 34.4849



42.7207, 3.2401, -0.8168



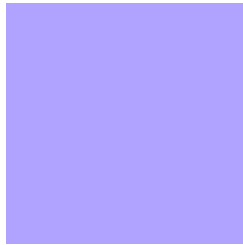
37.0591, 70.5478, -30.9592



11.6164, 22.1985, -10.3626

Previews

White Background



This preview shows how the HunterLab color 65.0314, 20.3482, -45.8270 looks on a white background.

Color Contrast Check

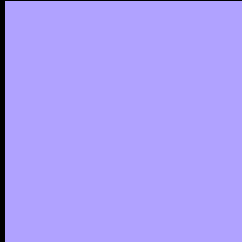
Large Text (above 18pt) WCAG AA × Fail

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 65.0314, 20.3482, -45.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

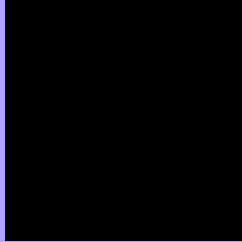
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 65.0314, 20.3482, -45.8270 Background



This preview shows how black text looks on a background with the HunterLab color 65.0314, 20.3482, -45.8270.



This preview shows how white text looks on a background with the HunterLab color 65.0314, 20.3482, -45.8270.

-45.8270.

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

65.0314, 20.3482, -45.8270

Protanopia

65.1589, 7.7873, -45.7994

Deuteranopia

65.3680, 5.2882, -43.9158



Tritanopia

64.8193, -4.8909, -4.1815

Trichromacy



Original Color

65.0314, 20.3482, -45.8270

Protanomaly

65.1102, 12.0493, -45.8192

Deuteranomaly

65.1166, 10.5085, -45.0673

Tritanomaly

64.6290, 3.7874, -17.8601

Monochromacy



Original Color

65.0314, 20.3482, -45.8270

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

65.7723, 4.0484, -11.4658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0314, 20.3482, -45.8270 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, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 255)  
}
```

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, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0314, 20.3482, -45.8270 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, 162, 255) }
```


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

```
.border{ border-color:rgb(176, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0314, 20.3482, -45.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 255) }
```

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

```
.background{ background-color: rgb(176,  
162, 255) }
```

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