

Converting Colors

HunterLab(64.5130, 20.6138,
-46.8348)

Have a look what the booklet for
HunterLab(64.5130, 20.6138,
-46.8348) contains.

HunterLab(64.5820, 20.3420, -46.7040)	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(64.5820, 20.3420,
-46.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA1FF
RGB	174, 161, 255
RGB Percent	68%, 63%, 100%
CMY	0.3176, 0.3686, 0.0000
CMYK	0.32, 0.37, 0.00, 0.00
HSL	248°, 100%, 82%
HSV	248°, 37%, 100%
XYZ	48.2504, 41.7083, 100.1151
YIQ	175.6030, -22.4260, 31.9900

Conversions

Conversions Part 2

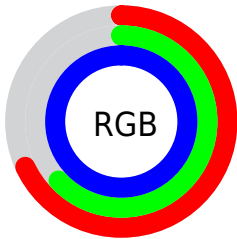
Format	Color
RYB	174, 161, 255
Decimal	11444735
CIELab	70.67, 25.29, -45.05
CIELCh	71, 51.661, 299.307
Yxy	41.7099, 0.2539, 0.2194
Android (android.graphics.Color)	4289634815 (0xFFAEA1FF)
YUV	175.6030, 39.1427, -1.4058
Hunter-Lab	64.5820, 20.3420, -46.7040

Details

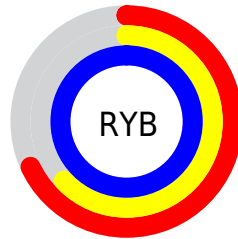
The HunterLab color $64.5820, 20.3420, -46.7040$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96.4212, -22.8379, 38.2801$, and the grayscale version is $65.5754, -3.4989, 3.5628$.

A 20% lighter version of the original color is $85.6275, 7.6669, -12.6106$, and $43.5160, 19.2967, -45.6402$ is the 20% darker color. If you saturate the color by 10%, you get $56.0062, 28.6427, -65.1426$, and if you desaturate by 10%, it is $73.6769, 12.7328, -30.5115$.

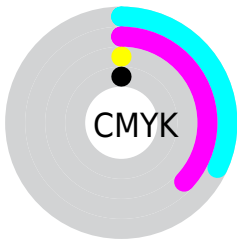
Distribution



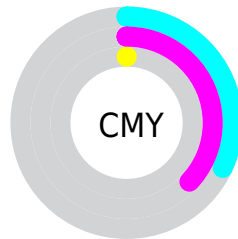
- Red (68%)
- Green (63%)
- Blue (100%)



- Red (68%)
- Yellow (63%)
- Blue (100%)



- Cyan (32%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5820, 20.3420, -46.7040 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 64.5820, 20.3420, -46.7040 by changing the saturation by 10% instead.

64.5820, 20.3420,
-46.7040

64.5820, 20.3420,
-46.7040

187.9572, 22.7955,
-51.9594

53.7347, 19.6998,
-45.9996

88.1818, 21.3574,
-48.1156

43.5726, 18.9556,
-45.3541

100.8682, 21.7483,
-48.7878

34.1466, 18.0953,
-44.8507

114.1106, 22.0698,
-49.4238

25.5197, 17.1033,
-44.6630

127.8866, 22.3271,
-50.0189

17.7741, 15.9628,
-45.1866

142.1762, 22.5247,
-50.5708

11.0245, 14.6684,
-47.5013

156.9617, 22.6665,

2.7244, 40.3007,

-51.0783

-117.1074

172.2269, 22.7558,
-51.5410

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.5820, 20.3420,
-46.7040

■ 64.5820, 20.3420,
-46.7040

■ 56.0062, 28.6427,
-65.1426

■ 73.6769, 12.7328,
-30.5115

■ 48.0862, 37.7573,
-86.3591

■ 83.1903, 5.6721,
-16.0665

■ 41.0274, 47.6481,
-110.6058

■ 93.0548, -0.9685,
-2.9565

■ 35.1169, 57.8039,
-137.0814

100.0000, -5.3358,
5.4332

■ 30.7091, 66.7619,

-162.5677

■ 28.0882, 72.2162,
-181.1311

■ 27.5355, 73.3753,
-185.4596

Harmonies

Analogous

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



64.5832, -3.9983, -56.3929



64.5820, 20.3420, -46.7040



64.5832, 40.4721, -22.6810

Triad

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



64.5832, 20.3413, -46.7018



64.5832, 21.4298, 30.7407



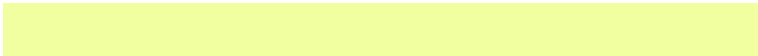
64.5832, -42.9075, 4.0363

Complementary

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



64.5820, 20.3420, -46.7040



96.4212, -22.8379, 38.2801

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.



64.5832, -38.0744, 21.9218



64.5820, 20.3420, -46.7040



64.5832, -2.8987, 33.5292

Square

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



64.5832, 20.3413, -46.7018



64.5832, 41.1614, 21.3020



64.5832, -24.2279, 30.9975



64.5832, -38.5004, -21.4349

Rectangle

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



64.5820, 20.3420, -46.7040



64.5832, 47.5627, -5.0336



64.5832, -24.2279, 30.9975



64.5832, -42.3222, 11.0352

Sweetspot

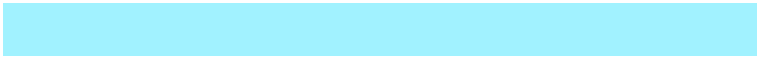
The Sweet Spot groups the original color and five complimentary colors.



64.5832, 20.3413, -46.7018



88.9333, 1.7358, -8.2423



88.6454, -24.9679, -9.0921



40.5254, 1.2189, -4.6335

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.5832, 20.3413, -46.7018



58.4006, 26.1881, -59.6039



69.2892, 34.5309, -37.6545



41.8308, 0.3479, -2.9197



19.9955, 53.1096, -133.3308



6.5132, 16.7936, -39.5078

Inverse Universe

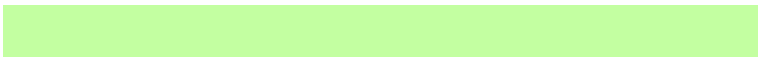
The Inverse Universe completely reimagines the original color for something new.



72.9120, 43.8052, -22.6149



68.6334, 53.3210, -27.6423



92.6056, -37.1168, 34.8246



42.7254, 3.2652, -0.8835



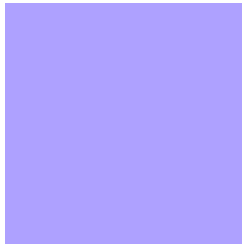
37.1727, 70.9476, -32.4766



11.6483, 22.3104, -10.7865

Previews

White Background



This preview shows how the HunterLab color 64.5820, 20.3420, -46.7040 looks on a white background.

Color Contrast Check

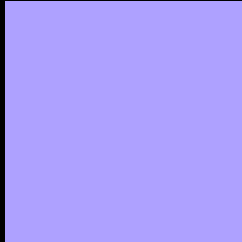
Large Text (above 18pt) WCAG AA × Fail

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 64.5820, 20.3420, -46.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

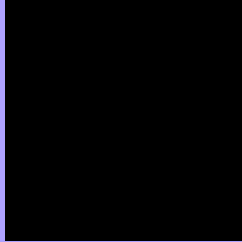
Any Text WCAG AA ✓ Pass

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 64.5820, 20.3420, -46.7040 Background



This preview shows how black text looks on a background with the HunterLab color 64.5820, 20.3420, -46.7040.



This preview shows how white text looks on a background with the HunterLab color 64.5820, 20.3420, -46.7040.

-46.7040.

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

64.5820, 20.3420, -46.7040

Protanopia

64.7292, 7.8569, -46.6344

Deuteranopia

64.8736, 5.1424, -44.8654



Tritanopia

64.6588, -5.4534, -4.3995

Trichromacy



Original Color

64.5820, 20.3420, -46.7040

Protanomaly

64.6730, 12.0901, -46.6703

Deuteranomaly

64.6811, 10.5553, -45.9097

Tritanomaly

64.4615, 3.2229, -18.1232

Monochromacy



Original Color

64.5820, 20.3420, -46.7040

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.3051, 3.9639, -12.1276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5820, 20.3420, -46.7040 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(174, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 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(174, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5820, 20.3420, -46.7040 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(174, 161, 255) }
```


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

```
.border{ border-color:rgb(174, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5820, 20.3420, -46.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 255) }
```

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

```
.background{ background-color: rgb(174,  
161, 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