

Converting Colors

HunterLab(64.2823, 12.0520,
-47.4387)

Have a look what the booklet for
HunterLab(64.2823, 12.0520,
-47.4387) contains.

HunterLab(64.2376, 12.1361, -47.5256)	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(64.2376, 12.1361,
-47.5256)**

Conversions

Conversions Part 1

Format	Color
Hex	99A6FF
RGB	153, 166, 255
RGB Percent	60%, 65%, 100%
CMY	0.4000, 0.3490, 0.0000
CMYK	0.40, 0.35, 0.00, 0.00
HSL	232°, 100%, 80%
HSV	232°, 40%, 100%
XYZ	44.8231, 41.2647, 100.2101
YIQ	172.2590, -36.3170, 24.9230

Conversions

Conversions Part 2

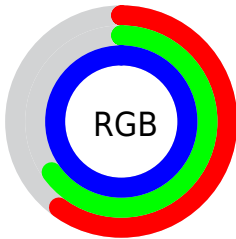
Format	Color
R _Y B	153, 165, 255
Decimal	10069759
CIE Lab	70.36, 16.94, -45.64
CIE LCh	70, 48.685, 290.363
Yxy	41.2662, 0.2406, 0.2215
Android (android.graphics.Color)	4288259839 (0xFF99A6FF)
YUV	172.2590, 40.7913, -16.8901
Hunter-Lab	64.2376, 12.1361, -47.5256

Details

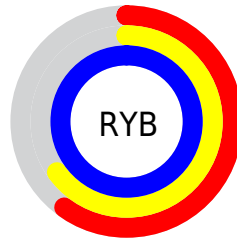
The HunterLab color **64.2376, 12.1361, -47.5256** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.3088, -12.6553, 38.1241**, and the grayscale version is **64.1851, -3.4248, 3.4873**.

A 20% lighter version of the original color is **85.2259, -1.5196, -13.3276**, and **43.1894, 11.7898, -46.5233** is the 20% darker color. If you saturate the color by 10%, you get **56.2516, 18.3779, -64.7342**, and if you desaturate by 10%, it is **72.6770, 6.8271, -32.2785**.

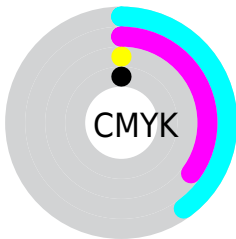
Distribution



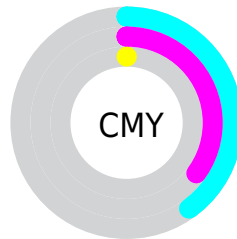
- Red (60%)
- Green (65%)
- Blue (100%)



- Red (60%)
- Yellow (65%)
- Blue (100%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2376, 12.1361, -47.5256 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 64.2376, 12.1361, -47.5256 by changing the saturation by 10% instead.

■ 64.2376, 12.1361,
-47.5256

■ 64.2376, 12.1361,
-47.5256

187.4651, 11.7277,
-52.8826

■ 53.4108, 11.8711,
-46.8210

■ 87.7996, 12.4408,
-48.9502

■ 43.2705, 11.5197,
-46.1830

■ 100.4685, 12.4952,
-49.6325

■ 33.8682, 11.0690,
-45.7003

113.6940, 12.4914,
-50.2800

■ 25.2671, 10.5027,
-45.5577

127.4539, 12.4335,
-50.8876

■ 17.5503, 9.7986,
-46.1775

141.7279, 12.3253,
-51.4525

■ 10.8338, 8.9286,
-48.7207

156.4984, 12.1698,

■ 2.0019, 36.7673,

-51.9735

-160.9716

171.7490, 11.9698,
-52.4502

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.2376, 12.1361,
-47.5256

■ 64.2376, 12.1361,
-47.5256

■ 56.2516, 18.3779,
-64.7342

■ 72.6770, 6.8271,
-32.2785

■ 48.8284, 25.7866,
-84.3383

■ 81.4863, 2.2474,
-18.5865

■ 42.1292, 34.5557,
-106.5802

■ 90.6088, -1.7656,
-6.1049

■ 36.3757, 44.6402,
-131.0086

100.0000, -5.3358,
5.4332

■ 31.8464, 55.3484,

-155.5432

■ 28.7754, 64.8998,
-176.0661

■ 28.7750, 64.9012,
-176.0692

Harmonies

Analogous

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



64.2387, -10.4342, -50.9235



64.2376, 12.1361, -47.5256



64.2387, 32.9275, -28.2416

Triad

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



64.2387, 12.1357, -47.5234



64.2387, 26.1868, 27.5970



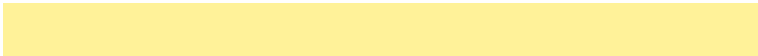
64.2387, -40.3869, 9.9407

Complementary

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



64.2376, 12.1361, -47.5256



93.3088, -12.6553, 38.1241

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.



64.2387, -33.1563, 24.4100



64.2376, 12.1361, -47.5256



64.2387, 3.8856, 32.0621

Square

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



64.2387, 12.1357, -47.5234



64.2387, 41.7746, 16.1017



64.2387, -17.6436, 31.1372



64.2387, -38.8058, -12.3290

Rectangle

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



64.2376, 12.1361, -47.5256



64.2387, 42.0080, -11.7309



64.2387, -17.6436, 31.1372



64.2387, -38.9483, 15.7200

Sweetspot

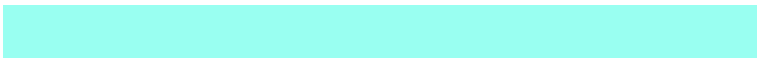
The Sweet Spot groups the original color and five complimentary colors.



64.2387, 12.1357, -47.5234



88.7598, -1.0012, -8.5204



92.0150, -35.2531, 2.2573



40.5089, -0.2278, -4.6810

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2387, 12.1357, -47.5234



57.8067, 17.0448, -61.1166



64.0336, 29.4897, -47.6257



42.1315, -0.9028, -2.5515



21.0745, 45.8362, -125.2884



7.3735, 11.4618, -33.9590

Inverse Universe

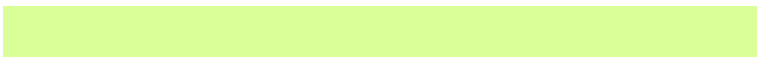
The Inverse Universe completely reimagines the original color for something new.



68.4085, 35.5795, 11.5071



63.3010, 44.1293, 13.4594



94.1616, -31.5081, 38.4930



42.4555, 1.8173, 2.9581



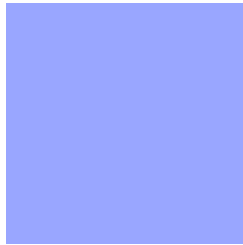
33.4310, 57.4535, 20.0370



10.4854, 18.1263, 5.4592

Previews

White Background



This preview shows how the HunterLab color 64.2376, 12.1361, -47.5256 looks on a white background.

Color Contrast Check

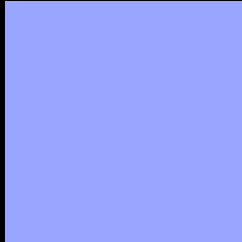
Large Text (above 18pt) WCAG AA × Fail

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 64.2376, 12.1361, -47.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

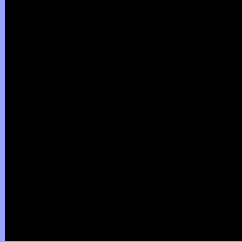
Any Text WCAG AA ✓ Pass

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 64.2376, 12.1361, -47.5256 Background



This preview shows how black text looks on a background with the HunterLab color 64.2376, 12.1361, -47.5256.



This preview shows how white text looks on a background with the HunterLab color 64.2376, 12.1361, -47.5256.

-47.5256.

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

64.2376, 12.1361, -47.5256

Protanopia

64.3014, 7.9318, -47.4733

Deuteranopia

64.4328, 5.2743, -46.4864



Tritanopia

64.4156, -12.3400, -6.9610

Trichromacy



Original Color

64.2376, 12.1361, -47.5256

Protanomaly

64.2933, 9.3867, -47.4639

Deuteranomaly

64.2514, 7.6668, -46.7998

Tritanomaly

64.0856, -3.9159, -20.6836

Monochromacy



Original Color

64.2376, 12.1361, -47.5256

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.0414, 0.9576, -12.2526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2376, 12.1361, -47.5256 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(153, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 166, 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(153, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 166, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2376, 12.1361, -47.5256 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(153, 166, 255) }
```


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

```
.border{ border-color:rgb(153, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 166,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2376, 12.1361, -47.5256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 166, 255) }
```

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

```
.background{ background-color: rgb(153,  
166, 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