

Converting Colors

Hex(64FA64)

Have a look what the booklet for
Hex(64FA64) contains.

Hex(64FA64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64FA64)

Conversions

Conversions Part 1

Format	Color
Hex	64FA64
RGB	100, 250, 100
RGB Percent	39%, 98%, 39%
CMY	0.6078, 0.0196, 0.6078
CMYK	0.60, 0.00, 0.60, 0.02
HSL	120°, 94%, 69%
HSV	120°, 60%, 98%
XYZ	41.7414, 72.0006, 23.7541
YIQ	188.0500, -41.2500, -78.4500

Conversions

Conversions Part 2

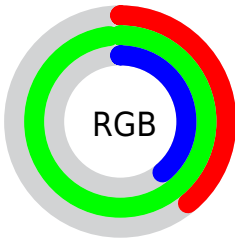
Format	Color
RYB	100, 250, 250
Decimal	6617700
CIELab	87.97, -68.09, 58.86
CIELCh	88, 90.000, 139.158
Yxy	72.0006, 0.3036, 0.5237
Android (android.graphics.Color)	4284807780 (0xFF64FA64)
YUV	188.0500, -43.4087, -77.2199
Hunter-Lab	84.8532, -60.6845, 42.7994

Details

The Hex color **64FA64** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FA64FA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A4FF9B**, and **00C02B** is the 20% darker color. If you saturate the color by 10%, you get **4BFA4B**, and if you desaturate by 10%, it is **7DFA7D**.

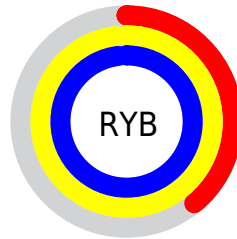
Distribution



Red (39%)

Green (98%)

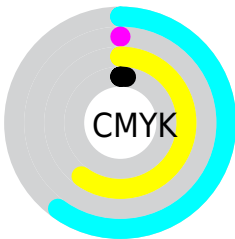
Blue (39%)



Red (39%)

Yellow (98%)

Blue (98%)

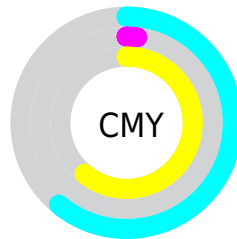


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (2%)



Cyan (61%)

Magenta (2%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64FA64 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 Hex color 64FA64 by changing the saturation by 10% instead.

 64FA64

 64FA64

FFFFFF

 40DD48

 A4FF9B

 00C02B

 C2FFB7

 00A401

 E1FFD4

 008900

 FFFFF1

 006E00

 005400

 003C00

 002300

 000000

 64FA64

 64FA64

 4BFA4B

 7DFA7D

 32FA32

 96FA96

 19FA19

 AFFAAF

 00FA00

 C8FAC8

 E1FAE1

 FAFAFA

 FFFAFF

Harmonies

Analogous

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



D2E90F



64FA64



00FFBA

Triad

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



64FA64



00F0FF



FF8AAA

Complementary

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



64FA64



FA64FA

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.



FF8AFF



64FA64



9BD3FF

Square

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



64FA64



00FFFF



FFACFF



FFA95C

Rectangle

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



64FA64



00FFF5



FFACFF



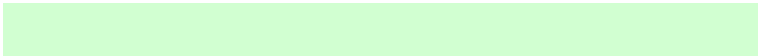
FF85C6

Sweetspot

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



64FA64



D1FFD1



FAFA64



638063



000000



808080

Same Dimension

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



64FA64



47FF47



64FAAF



707D70



00BD00



003D00

Inverse Universe

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



FA64FA



FF47FF



FA64AF



7D707D



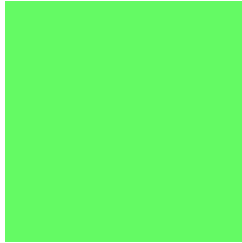
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 64FA64 looks on a white background.

Color Contrast Check

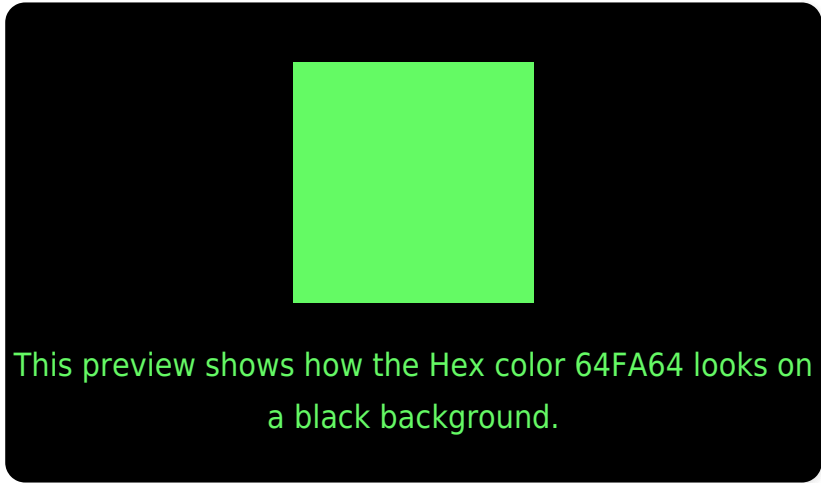
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

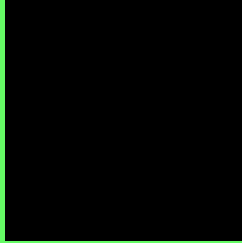
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

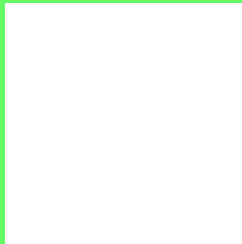
Any Text WCAG AAA ✓ Pass

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

Hex 64FA64 Background



This preview shows how black text looks on a background with the Hex color 64FA64.

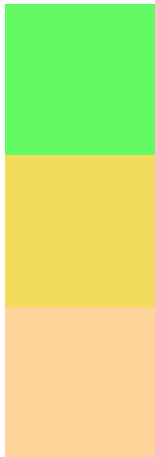


This preview shows how white text looks on a background with the Hex color 64FA64.

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](#).

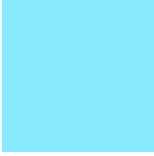
Dichromacy



Original Color
E67E22

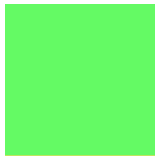
Protanopia
F3DB5B

Deuteranopia
FFD49A



Tritanopia
89EAFD

Trichromacy



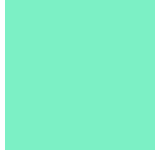
Original Color
64FA64



Protanomaly
BFE65E



Deuteranomaly
C7E286

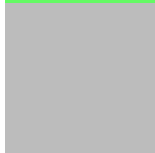


Tritanomaly
7CF0C5

Monochromacy



Original Color
64FA64



Achromatopsia
BCBCBC



Achromatomaly
9CD39C

CSS Examples

Text

The CSS property to change the color of the text to Hex 64FA64 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 #64FA64 looks like.

```
.text, #text, p{  
    color:#64FA64  
}
```

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 #64FA64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64FA64
}
```

Border

The CSS property to change the border of an element to Hex 64FA64 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
#64FA64 }
```

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

```
.border{ border-color:#64FA64 }
```

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

Here you see how a box with a 4 pixel #64FA64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64FA64; -webkit-box-shadow:4px 4px  
4px 4px #64FA64; box-shadow:4px 4px 4px  
4px #64FA64 }
```

Background

The CSS property to change the background color of an element to Hex 64FA64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64FA64 }
```

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

```
.background{ background-color:#64FA64 }
```

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