

Converting Colors

Hex(64B352)

Have a look what the booklet for
Hex(64B352) contains.

Hex(64B352)	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(64B352)

Conversions

Conversions Part 1

Format	Color
Hex	64B352
RGB	100, 179, 82
RGB Percent	39%, 70%, 32%
CMY	0.6078, 0.2980, 0.6784
CMYK	0.44, 0.00, 0.54, 0.30
HSL	109°, 39%, 51%
HSV	109°, 54%, 70%
XYZ	22.8986, 35.5587, 13.6393
YIQ	144.3210, -15.9470, -46.9150

Conversions

Conversions Part 2

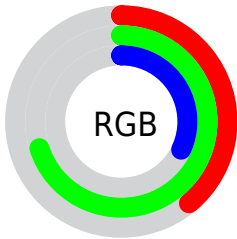
Format	Color
RYB	82, 179, 161
Decimal	6599506
CIELab	66.18, -43.11, 41.62
CIELCh	66, 59.924, 136.007
Yxy	35.5587, 0.3176, 0.4932
Android (android.graphics.Color)	4284789586 (0xFF64B352)
YUV	144.3210, -30.7243, -38.8695
Hunter-Lab	59.6311, -35.8097, 28.1805

Details

The Hex color **64B352** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A152B3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9BEB86**, and **2B7D1F** is the 20% darker color. If you saturate the color by 10%, you get **55B340**, and if you desaturate by 10%, it is **73B364**.

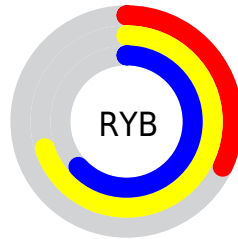
Distribution



Red (39%)

Green (70%)

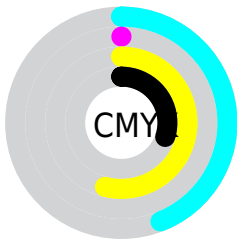
Blue (32%)



Red (32%)

Yellow (70%)

Blue (63%)

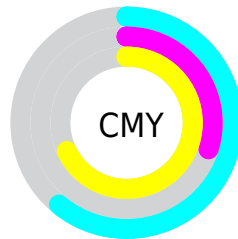


Cyan (44%)

Magenta (0%)

Yellow (54%)

Black (30%)



Cyan (61%)

Magenta (30%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B352 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 64B352 by changing the saturation by 10% instead.



64B352



64B352

FFFFFF



489839



9BEB86



2B7D1F



B8FFA1



026401



D4FFBC



004B00



F2FFD8



003400



FFFFFF5



001E00



000000



64B352



64B352




55B340



73B364

 47B32E

 81B376

 38B31C

 90B388

 2AB30A

 9EB39A

 21B300

 ADB3AC

 BBB3BD

 CAB3CF

 D9B3E1

 E7B3F3

Harmonies

Analogous

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



A2A730



64B352



00B985

Triad

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



64B352



00AEFF



FF7086

Complementary

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



64B352



A152B3

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.



F673BC



64B352



739DFF

Square

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



64B352



00B8ED



C986EC



F58055

Rectangle

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



64B352



00BBAA



C986EC



FF6F98

Sweetspot

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



64B352



CAE8C3



B3A052



63755F



F5F5F5



757575

Same Dimension

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



64B352



6DE851



52B36F



525950



1C9900



051A00

Inverse Universe

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



A152B3



CC51E8



B35296



585059



7D0099



15001A

Previews

White Background



This preview shows how the Hex color 64B352 looks on a white background.

Color Contrast Check

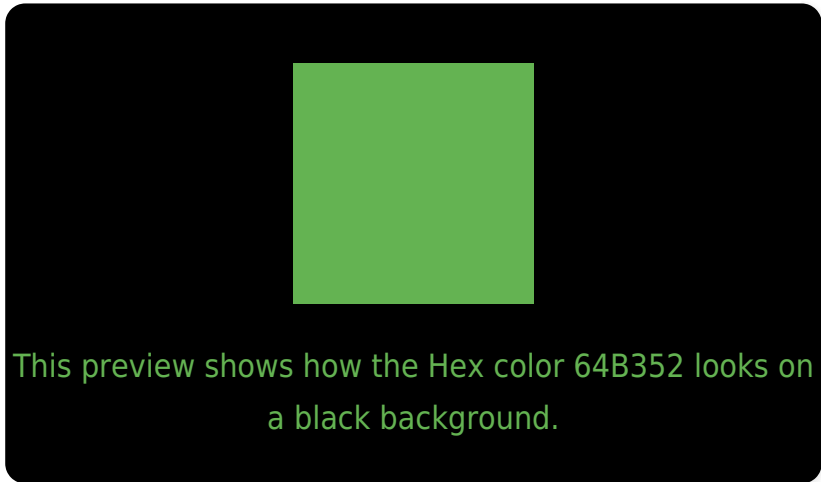
Large Text (above 18pt) WCAG AA × Fail

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

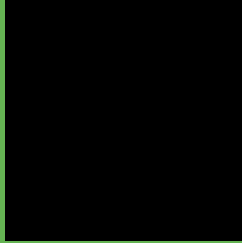
Any Text WCAG AA ✓ Pass

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 64B352 Background



This preview shows how black text looks on a background with the Hex color 64B352.

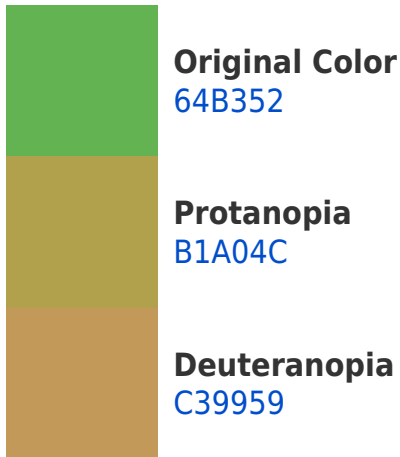


This preview shows how white text looks on a background with the Hex color 64B352.

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](#).

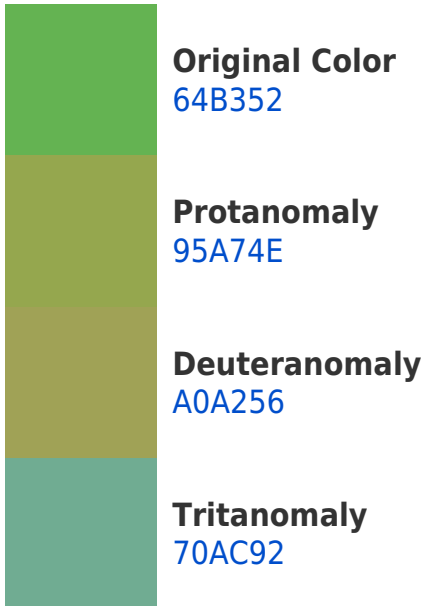
Dichromacy



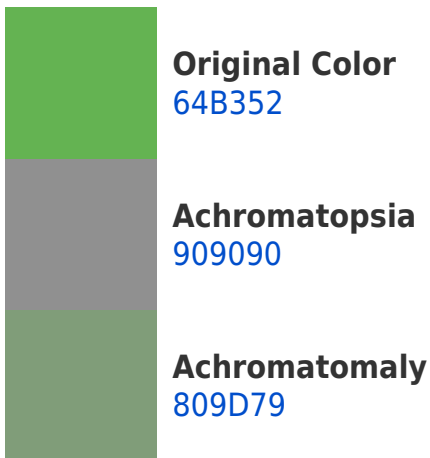


Tritanopia
77A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B352 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 #64B352 looks like.

```
.text, #text, p{  
    color:#64B352  
}
```

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 #64B352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B352
}
```

Border

The CSS property to change the border of an element to Hex 64B352 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
#64B352 }
```

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

```
.border{ border-color:#64B352 }
```

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

Here you see how a box with a 4 pixel #64B352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B352; -webkit-box-shadow:4px 4px  
4px 4px #64B352; box-shadow:4px 4px 4px  
4px #64B352 }
```

Background

The CSS property to change the background color of an element to Hex 64B352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B352 }
```

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

```
.background{ background-color:#64B352 }
```

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](#).

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