

Converting Colors

Hex(64B677)

Have a look what the booklet for
Hex(64B677) contains.

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Color

Hex(64B677)

Conversions

Conversions Part 1

Format	Color
Hex	64B677
RGB	100, 182, 119
RGB Percent	39%, 71%, 47%
CMY	0.6078, 0.2863, 0.5333
CMYK	0.45, 0.00, 0.35, 0.29
HSL	134°, 36%, 55%
HSV	134°, 45%, 71%
XYZ	25.3133, 37.4971, 23.3563
YIQ	150.3000, -28.6490, -36.9770

Conversions

Conversions Part 2

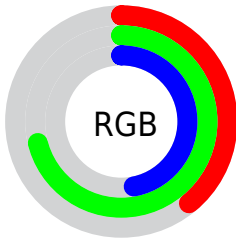
Format	Color
RYB	100, 167, 182
Decimal	6600311
CIELab	67.65, -38.86, 24.50
CIELCh	68, 45.939, 147.773
Yxy	37.4971, 0.2938, 0.4352
Android (android.graphics.Color)	4284790391 (0xFF64B677)
YUV	150.3000, -15.4309, -44.1131
Hunter-Lab	61.2349, -33.3728, 20.2500

Details

The Hex color **64B677** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B664A3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9BEEAC**, and **2D8046** is the 20% darker color. If you saturate the color by 10%, you get **52B669**, and if you desaturate by 10%, it is **76B685**.

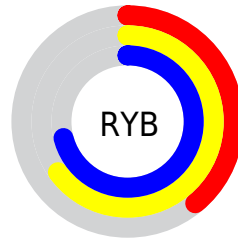
Distribution



Red (39%)

Green (71%)

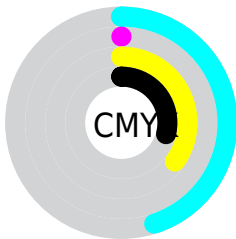
Blue (47%)



Red (39%)

Yellow (65%)

Blue (71%)

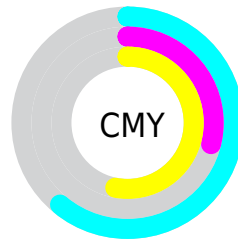


Cyan (45%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (61%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B677 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 64B677 by changing the saturation by 10% instead.

 64B677

 64B677

FFFFFF

 499B5E

 9BEEAC

 2D8046

 B7FFC7

 07672F

 D3FFE3

 004E18

 F1FFFF

 003600

 002200

 000000

 64B677

 64B677

 52B669

 76B685

 40B65B

 88B693

 2DB64D

 9BB6A1

 1BB63F

 ADB6AF

 09B631

 BFB6BD

 00B62A

 D1B6CB

 E3B6D9

 F6B6E7

 FFB6F5

Harmonies

Analogous

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



97AE59



64B677



00BAA0

Triad

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



64B677



57AAF7



F28680

Complementary

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



64B677



B664A3

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.



EF83AA



64B677



A39BEE

Square

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



64B677



00B4EA



D58CD2



E19260

Rectangle

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



64B677



00BABD



D58CD2



F4848E

Sweetspot

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



64B677



CCEDD4



A4B664



637868



F7F7F7



787878

Same Dimension

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



64B677



6DED8B



64B69F



535C55



009C24



001C06

Inverse Universe

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



B664A3



ED6DCF



B6647B



5C535A



9C0078



1C0016

Previews

White Background



This preview shows how the Hex color 64B677 looks on a white background.

Color Contrast Check

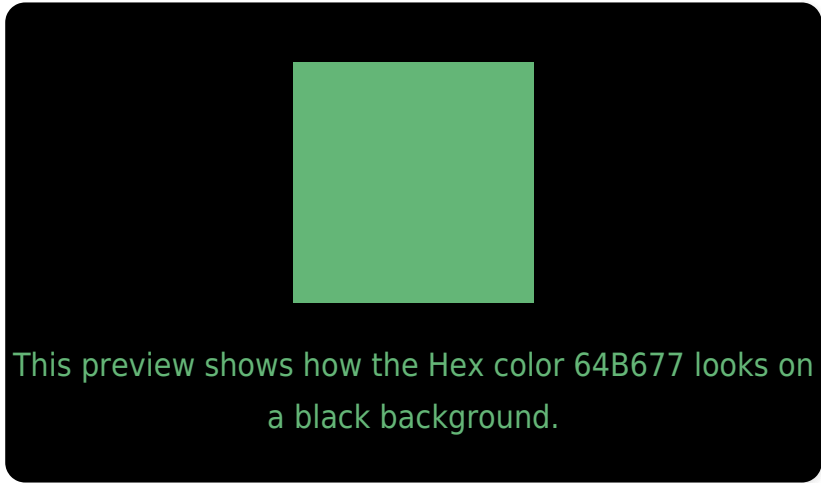
Large Text (above 18pt) WCAG AA × Fail

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 64B677 Background



This preview shows how black text looks on a background with the Hex color 64B677.

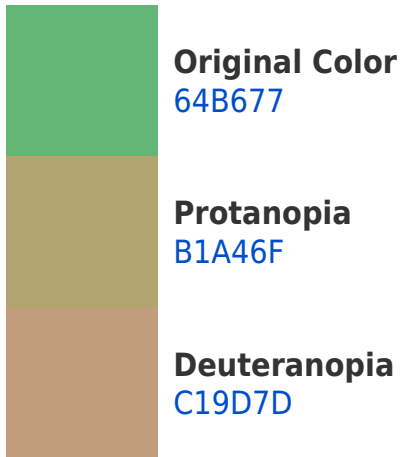


This preview shows how white text looks on a background with the Hex color 64B677.

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
73AEBC

Trichromacy



Original Color

64B677



Protanomaly

95AB72



Deuteranomaly

9FA67B



Tritanomaly

6EB1A3

Monochromacy



Original Color

64B677



Achromatopsia

969696



Achromatomaly

84A28B

CSS Examples

Text

The CSS property to change the color of the text to Hex 64B677 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 #64B677 looks like.

```
.text, #text, p{  
    color:#64B677  
}
```

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 #64B677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B677
}
```

Border

The CSS property to change the border of an element to Hex 64B677 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
#64B677 }
```

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

```
.border{ border-color:#64B677 }
```

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

Here you see how a box with a 4 pixel #64B677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B677; -webkit-box-shadow:4px 4px  
4px 4px #64B677; box-shadow:4px 4px 4px  
4px #64B677 }
```

Background

The CSS property to change the background color of an element to Hex 64B677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B677 }
```

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

```
.background{ background-color:#64B677 }
```

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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