

Converting Colors

Hex(68C267)

Have a look what the booklet for
Hex(68C267) contains.

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Color

Hex(68C267)

Conversions

Conversions Part 1

Format	Color
Hex	68C267
RGB	104, 194, 103
RGB Percent	41%, 76%, 40%
CMY	0.5922, 0.2392, 0.5961
CMYK	0.46, 0.00, 0.47, 0.24
HSL	119°, 43%, 58%
HSV	119°, 47%, 76%
XYZ	27.4489, 42.5059, 19.5897
YIQ	156.7160, -24.4290, -47.3810

Conversions

Conversions Part 2

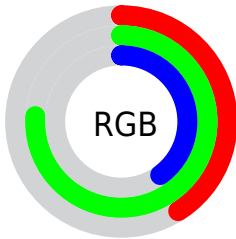
Format	Color
RYB	103, 194, 193
Decimal	6865511
CIELab	71.22, -45.45, 37.47
CIELCh	71, 58.901, 140.494
Yxy	42.5059, 0.3065, 0.4747
Android (android.graphics.Color)	4285055591 (0xFF68C267)
YUV	156.7160, -26.4820, -46.2319
Hunter-Lab	65.1966, -38.9423, 27.8226

Details

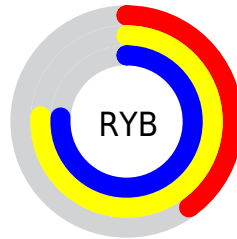
The Hex color **68C267** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C167C2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A0FB9C**, and **2E8C35** is the 20% darker color. If you saturate the color by 10%, you get **55C254**, and if you desaturate by 10%, it is **7BC27A**.

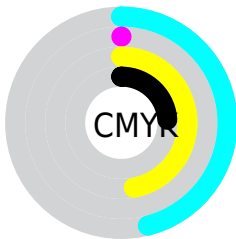
Distribution



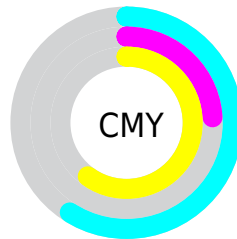
- Red (41%)
- Green (76%)
- Blue (40%)



- Red (40%)
- Yellow (76%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (47%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C267 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 68C267 by changing the saturation by 10% instead.

 68C267

 68C267

FFFFFF

 4CA64E

 A0FB9C

 2E8C35

 BDFFB7

 02711C

 DAFFD3

 005800

 F7FFE7

 004000

 002A00

 000800

 000000

 68C267

 68C267

 55C254

 7BC27A

 42C240

 8EC28E

 2EC22D

 A2C2A1

 1BC219

 B5C2B5

 08C206

 C8C2C8

 02C200

 DBC2DB

 EEC2EF

 FFC2FF

Harmonies

Analogous

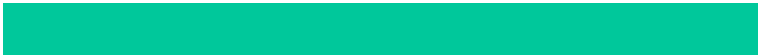
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8B743



68C267



00C89B

Triad

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



68C267



00B9FF



FF818C

Complementary

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



68C267



C167C2

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.



FF81C2



68C267



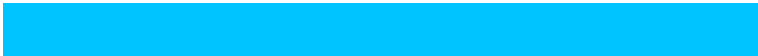
94A7FF

Square

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



68C267



00C4FF



DF91F3



FF915D

Rectangle

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



68C267



00C9C0



DF91F3



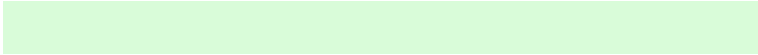
FF7F9E

Sweetspot

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



68C267



D9FCD9



C2C067



6A806A



000000



808080

Same Dimension

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



68C267



71FC6F



67C293



576157



02A100



002100

Inverse Universe

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



C167C2



FB6FFC



C26796



615761



9F00A1



210021

Previews

White Background



This preview shows how the Hex color 68C267 looks on a white background.

Color Contrast Check

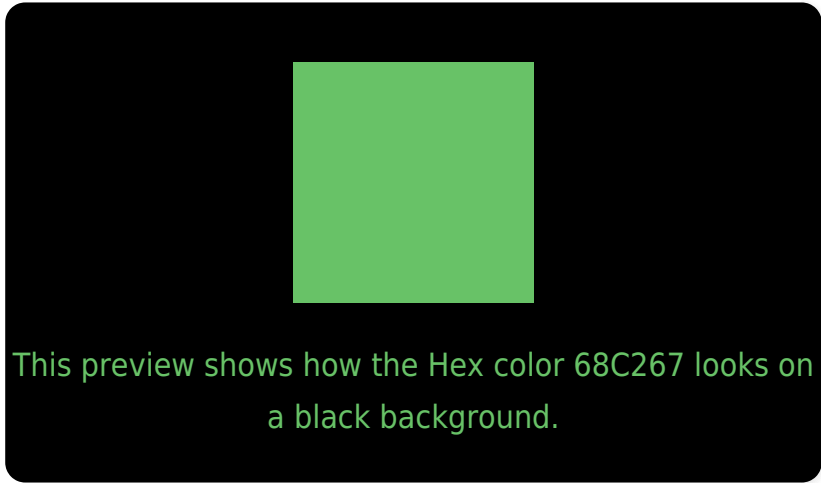
Large Text (above 18pt) WCAG AA × Fail

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

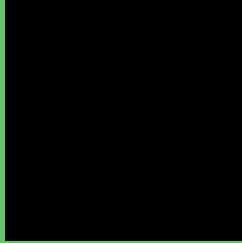
Any Text WCAG AA ✓ Pass

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 68C267 Background



This preview shows how black text looks on a background with the Hex color 68C267.

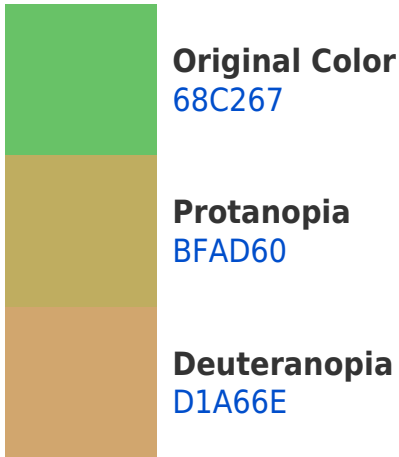


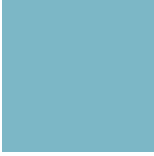
This preview shows how white text looks on a background with the Hex color 68C267.

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
7CB7C6

Trichromacy



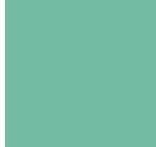
Original Color
68C267



Protanomaly
9FB563



Deuteranomaly
ABB06B



Tritanomaly
75BBA3

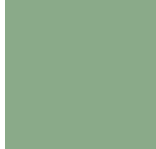
Monochromacy



Original Color
68C267



Achromatopsia
9D9D9D



Achromatomaly
8AAA89

CSS Examples

Text

The CSS property to change the color of the text to Hex 68C267 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 #68C267 looks like.

```
.text, #text, p{  
    color:#68C267  
}
```

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 #68C267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C267
}
```

Border

The CSS property to change the border of an element to Hex 68C267 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
#68C267 }
```

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

```
.border{ border-color:#68C267 }
```

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

Here you see how a box with a 4 pixel #68C267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C267; -webkit-box-shadow:4px 4px  
4px 4px #68C267; box-shadow:4px 4px 4px  
4px #68C267 }
```

Background

The CSS property to change the background color of an element to Hex 68C267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C267 }
```

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

```
.background{ background-color:#68C267 }
```

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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