

Converting Colors

Hex(67D467)

Have a look what the booklet for
Hex(67D467) contains.

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Color

Hex(67D467)

Conversions

Conversions Part 1

Format	Color
Hex	67D467
RGB	103, 212, 103
RGB Percent	40%, 83%, 40%
CMY	0.5961, 0.1686, 0.5961
CMYK	0.51, 0.00, 0.51, 0.17
HSL	120°, 56%, 62%
HSV	120°, 51%, 83%
XYZ	31.5852, 50.9498, 21.0015
YIQ	166.9830, -29.9750, -57.0070

Conversions

Conversions Part 2

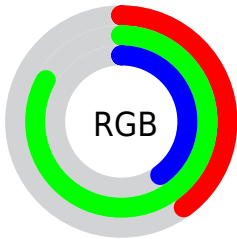
Format	Color
RYB	103, 212, 212
Decimal	6804583
CIELab	76.65, -53.02, 44.18
CIELCh	77, 69.017, 140.196
Yxy	50.9498, 0.3051, 0.4921
Android (android.graphics.Color)	4284994663 (0xFF67D467)
YUV	166.9830, -31.5436, -56.1131
Hunter-Lab	71.3791, -45.9274, 32.5208

Details

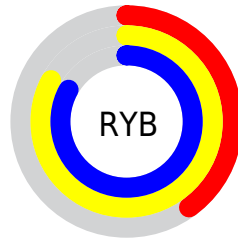
The Hex color **67D467** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D467D4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A1FF9C**, and **279C34** is the 20% darker color. If you saturate the color by 10%, you get **52D452**, and if you desaturate by 10%, it is **7CD47C**.

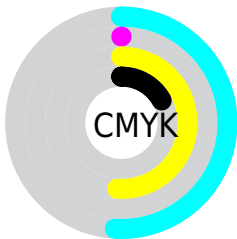
Distribution



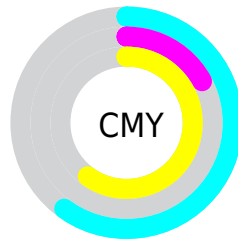
- Red (40%)
- Green (83%)
- Blue (40%)



- Red (40%)
- Yellow (83%)
- Blue (83%)



- Cyan (51%)
- Magenta (0%)
- Yellow (51%)
- Black (17%)



- Cyan (60%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D467 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 67D467 by changing the saturation by 10% instead.

 67D467

 67D467

FFFFFF

 49B84D

 A1FF9C

 279C34

 BEFFB8

 008219

 DCFFD4

 006800

 FAFFF1

 004E00

 003600

 001F00

 000000

 67D467

 67D467

 52D452

 7CD47C

 3DD43D

 91D491

 27D427

 A7D4A7

 12D412

 BCD4BC

 00D400

 D1D4D1

 E6D4E6

 FBD4FB

 FFD4FF

Harmonies

Analogous

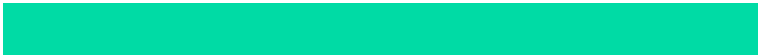
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5C73A



67D467



00DBA5

Triad

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



67D467



00CAFF



FF8595

Complementary

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



67D467



D467D4

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.



FF84D5



67D467



98B5FF

Square

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



67D467



00D7FF



F69AFF



FF995C

Rectangle

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



67D467



00DCD2



F69AFF



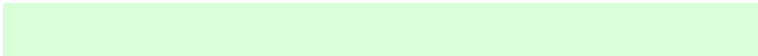
FF82AA

Sweetspot

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



67D467



D9FFD9



D4D467



698069



000000



808080

Same Dimension

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



67D467



61FF61



67D49E



606B60



00AB00



002B00

Inverse Universe

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



D467D4



FF61FF



D4679E



6B606B



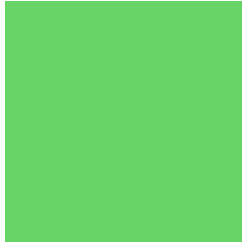
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 67D467 looks on a white background.

Color Contrast Check

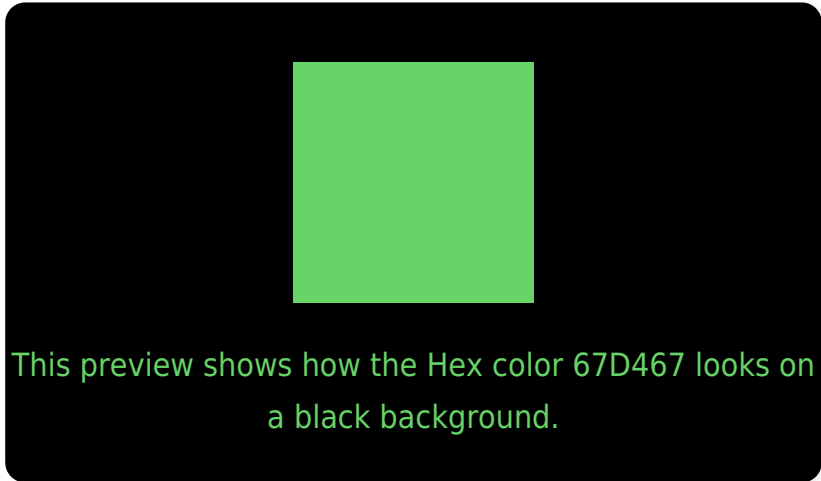
Large Text (above 18pt) WCAG AA × Fail

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

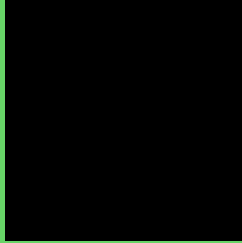
Any Text WCAG AA ✓ Pass

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 67D467 Background



This preview shows how black text looks on a background with the Hex color 67D467.

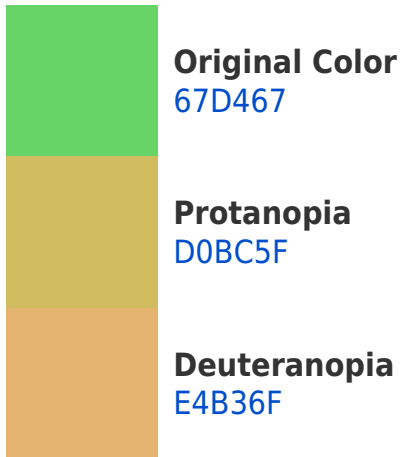


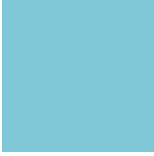
This preview shows how white text looks on a background with the Hex color 67D467.

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](#).

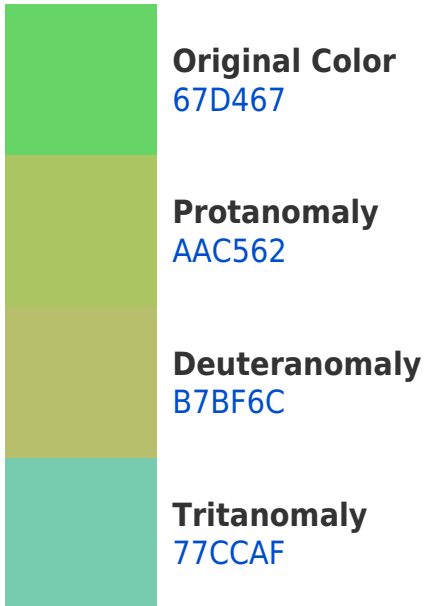
Dichromacy



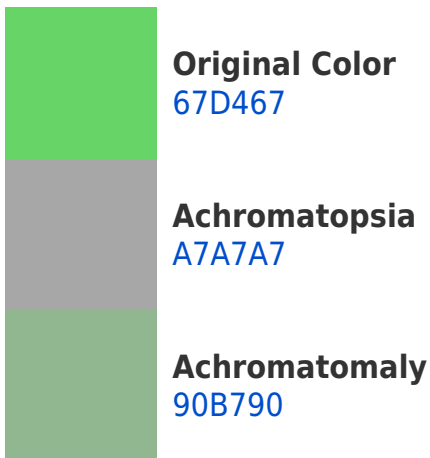


Tritanopia
80C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67D467 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 #67D467 looks like.

```
.text, #text, p{  
    color:#67D467  
}
```

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 #67D467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D467
}
```

Border

The CSS property to change the border of an element to Hex 67D467 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
#67D467 }
```

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

```
.border{ border-color:#67D467 }
```

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

Here you see how a box with a 4 pixel #67D467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D467; -webkit-box-shadow:4px 4px  
4px 4px #67D467; box-shadow:4px 4px 4px  
4px #67D467 }
```

Background

The CSS property to change the background color of an element to Hex 67D467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D467 }
```

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

```
.background{ background-color:#67D467 }
```

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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