

# Converting Colors

Hex(6CF265)

Have a look what the booklet for  
Hex(6CF265) contains.

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# **Color**

**Hex(6CF265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CF265
RGB	108, 242, 101
RGB Percent	42%, 95%, 40%
CMY	0.5765, 0.0510, 0.6039
CMYK	0.55, 0.00, 0.58, 0.05
HSL	117°, 84%, 67%
HSV	117°, 58%, 95%
XYZ	40.2854, 67.6320, 23.2429
YIQ	185.8600, -34.6030, -72.2590

# Conversions

## Conversions Part 2

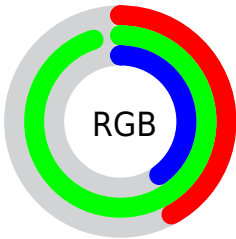
Format	Color
<a href="#">RYB</a>	<a href="#">101, 242, 235</a>
Decimal	<a href="#">7139941</a>
CIELab	<a href="#">85.82, -63.30, 56.03</a>
CIELCh	<a href="#">86, 84.537, 138.490</a>
Yxy	<a href="#">67.6320, 0.3071, 0.5156</a>
Android (android.graphics.Color)	<a href="#">4285330021 (0xFF6CF265)</a>
YUV	<a href="#">185.8600, -41.8360, -68.2832</a>
Hunter-Lab	<a href="#">82.2387, -56.4777, 40.8101</a>

# Details

The Hex color **6CF265** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **EB65F2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A9FF9C**, and **22B92E** is the 20% darker color. If you saturate the color by 10%, you get **55F24D**, and if you desaturate by 10%, it is **83F27D**.

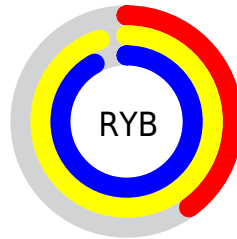
# Distribution



Red (42%)

Green (95%)

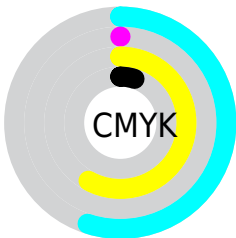
Blue (40%)



Red (40%)

Yellow (95%)

Blue (92%)

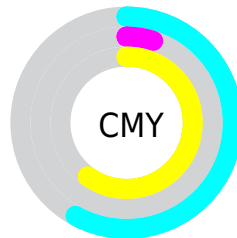


Cyan (55%)

Magenta (0%)

Yellow (58%)

Black (5%)



Cyan (58%)

Magenta (5%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CF265 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 6CF265 by changing the saturation by 10% instead.



 6CF265

 6CF265

FFFFFF

 4BD54A

 A9FF9C

 22B92E

 C8FFB8

 009D09

 E6FFD4

 008200

 FFFFF1

 006800

 004E00

 003700

 001D00

 000000

 6CF265

 6CF265

 55F24D

 83F27D

 3EF235

 9AF295

 27F21C

 B1F2AE

 10F204

 C8F2C6

 0CF200

 DFF2DE

 F6F2F6

 FFF2FF

# Harmonies

## Analogous

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



CFE223



6CF265



00FAB4

# Triad

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



6CF265



00E9FF



FF8BA9

# Complementary

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



6CF265



EB65F2

# Split Complementary

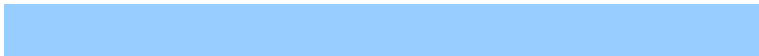
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CF9



6CF265



98CEFF

# Square

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



6CF265



00F7FF



FFABFF



FFA660

# Rectangle

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



6CF265



00FCEC



FFABFF



FF87C3

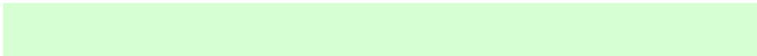


# Sweetspot

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



6CF265



D6FFD4



F2EB65



678066



000000



808080



# Same Dimension

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



6CF265



55FF4D



65F2A4



6C786C



09B800



033800



# Inverse Universe

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



EB65F2



F64DFF



F265B3



776C78



AE00B8

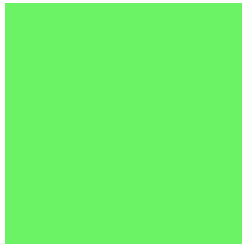


350038



# Previews

## White Background



This preview shows how the Hex color 6CF265 looks on a white background.

## Color Contrast Check

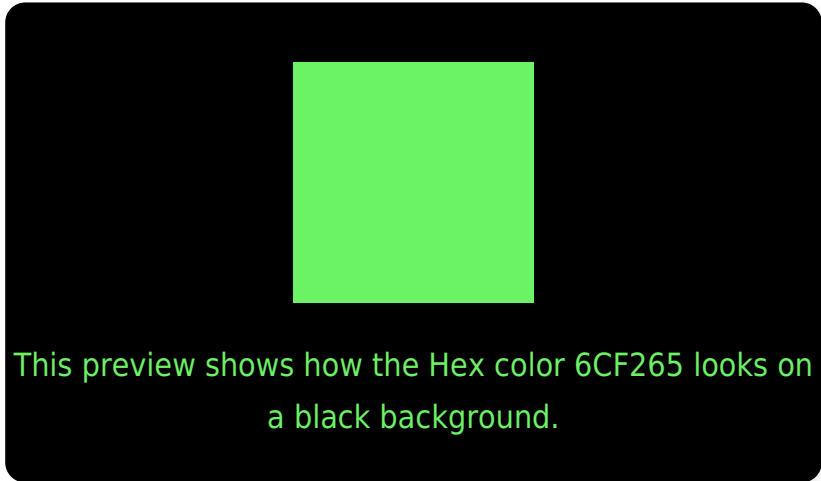
Large Text (above 18pt) WCAG AA × Fail

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

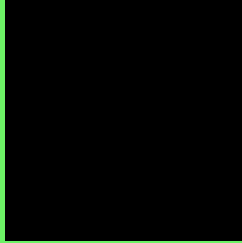
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

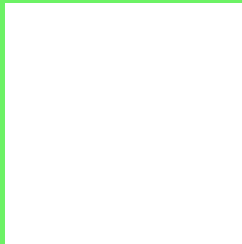
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CF265 Background



This preview shows how black text looks on a background with the Hex color 6CF265.

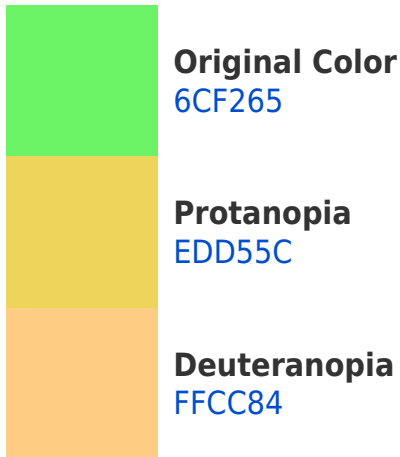


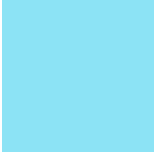
This preview shows how white text looks on a background with the Hex color 6CF265.

# 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](#).

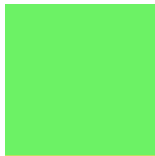
## Dichromacy





**Tritanopia**  
8CE3F5

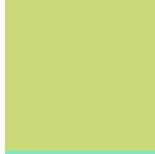
# Trichromacy



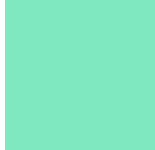
**Original Color**  
6CF265



**Protanomaly**  
BEE05F



**Deuteranomaly**  
CADA79

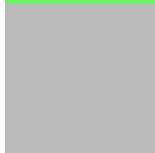


**Tritanomaly**  
80E8C1

# Monochromacy



**Original Color**  
6CF265



**Achromatopsia**  
BABABA



**Achromatomaly**  
9ECE9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CF265 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 #6CF265 looks like.

```
.text, #text, p{  
    color:#6CF265  
}
```

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 #6CF265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF265
}
```

## Border

The CSS property to change the border of an element to Hex 6CF265 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
#6CF265 }
```

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

```
.border{ border-color:#6CF265 }
```

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

Here you see how a box with a 4 pixel #6CF265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF265; -webkit-box-shadow:4px 4px  
4px 4px #6CF265; box-shadow:4px 4px 4px  
4px #6CF265 }
```

# Background

The CSS property to change the background color of an element to Hex 6CF265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF265 }
```

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

```
.background{ background-color:#6CF265 }
```

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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