

# Converting Colors

Hex(76D267)

Have a look what the booklet for  
Hex(76D267) contains.

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**Color**

**Hex(76D267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76D267
RGB	118, 210, 103
RGB Percent	46%, 82%, 40%
CMY	0.5373, 0.1765, 0.5961
CMYK	0.44, 0.00, 0.51, 0.18
HSL	112°, 54%, 61%
HSV	112°, 51%, 82%
XYZ	32.9660, 50.9240, 20.9238
YIQ	170.2940, -20.4850, -52.7810

# Conversions

## Conversions Part 2

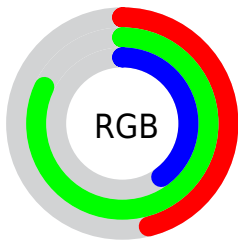
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 210, 195
Decimal	7787111
CIELab	76.63, -47.98, 44.30
CIElCh	77, 65.302, 137.284
Yxy	50.9240, 0.3145, 0.4859
Android (android.graphics.Color)	4285977191 (0xFF76D267)
YUV	170.2940, -33.1759, -45.8618
Hunter-Lab	71.3611, -42.4219, 32.5683

# Details

The Hex color **76D267** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C367D2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AFFF9C**, and **3C9B34** is the 20% darker color. If you saturate the color by 10%, you get **64D252**, and if you desaturate by 10%, it is **88D27C**.

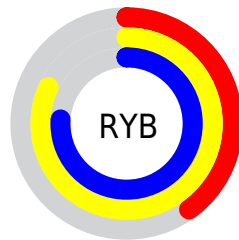
# Distribution



Red (46%)

Green (82%)

Blue (40%)



Red (40%)

Yellow (82%)

Blue (76%)

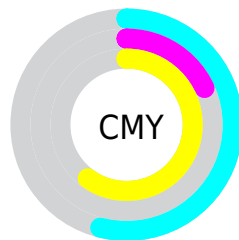


Cyan (44%)

Magenta (0%)

Yellow (51%)

Black (18%)



Cyan (54%)

Magenta (18%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76D267 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 76D267 by changing the saturation by 10% instead.



 76D267

 76D267

FFFFFF

 5AB64D

 AFFF9C

 3C9B34

 CCFFB8

 1A8019

 E9FFD4

 006600

 FFFFF1

 004D00

 003500

 001F00

 000000

 76D267

 76D267

 64D252

 88D27C

 52D23D

 9AD291

 40D228

 ACD2A6

 2ED213

 BED2BB

 1DD200

 D0D2D0

 E2D2E5

 F4D2FA

 FFD2FF

# Harmonies

## Analogous

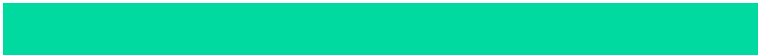
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCC541



76D267



00D9A0

# Triad

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



76D267



00CBFF



FF889D

# Complementary

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



76D267



C367D2

# 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.



FF8AD9



76D267



91B7FF

# Square

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



76D267



00D7FF



ED9EFF



FF9966

# Rectangle

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



76D267



00DBC9



ED9EFF



FF86B1

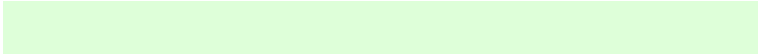


# Sweetspot

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



76D267



DEFFD9



D2C267



6C8069



000000



808080



# Same Dimension

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



76D267



79FF63



67D28C



60695E



18A800



062900



# Inverse Universe

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



C367D2



E963FF



D267AD



675E69



9100A8



230029



# Previews

## White Background



This preview shows how the Hex color 76D267 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



This preview shows how the Hex color 76D267 looks on a 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 76D267 Background



This preview shows how black text looks on a background with the Hex color 76D267.

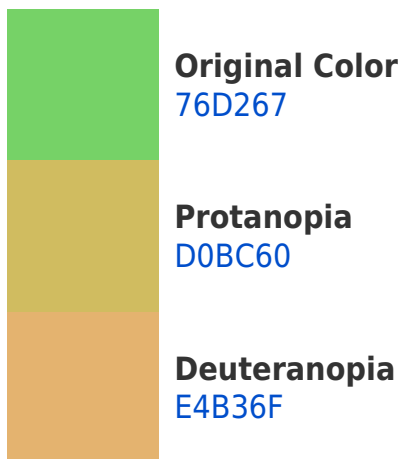


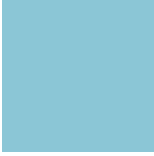
This preview shows how white text looks on a background with the Hex color 76D267.

# 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](#).

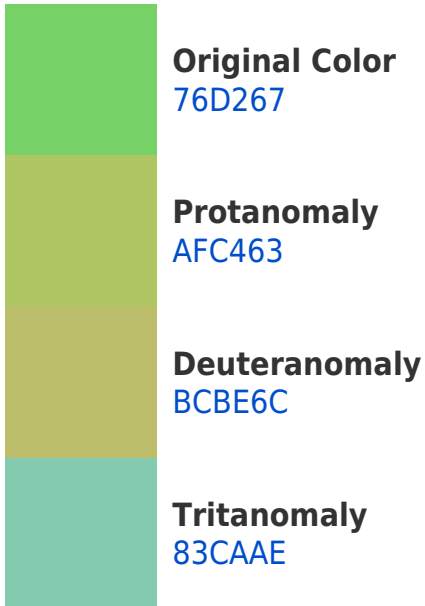
## Dichromacy



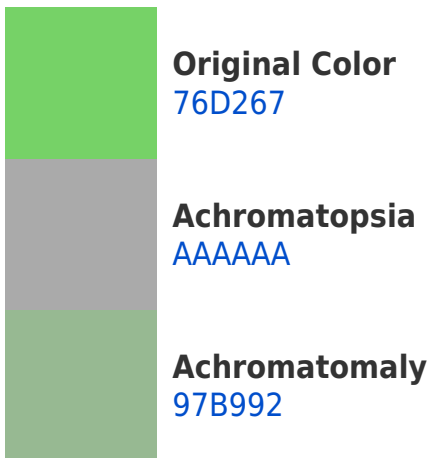


**Tritanopia**  
8BC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76D267 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 #76D267 looks like.

```
.text, #text, p{  
    color:#76D267  
}
```

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 #76D267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D267
}
```

## Border

The CSS property to change the border of an element to Hex 76D267 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
#76D267 }
```

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

```
.border{ border-color:#76D267 }
```

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

Here you see how a box with a 4 pixel #76D267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D267; -webkit-box-shadow:4px 4px  
4px 4px #76D267; box-shadow:4px 4px 4px  
4px #76D267 }
```

# Background

The CSS property to change the background color of an element to Hex 76D267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D267 }
```

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

```
.background{ background-color:#76D267 }
```

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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