

# Converting Colors

Hex(6ED273)

Have a look what the booklet for  
Hex(6ED273) contains.

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**Color**

**Hex(6ED273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ED273
RGB	110, 210, 115
RGB Percent	43%, 82%, 45%
CMY	0.5686, 0.1765, 0.5490
CMYK	0.48, 0.00, 0.45, 0.18
HSL	123°, 53%, 63%
HSV	123°, 48%, 82%
XYZ	32.5715, 50.6460, 24.2786
YIQ	169.2700, -29.1050, -50.7450

# Conversions

## Conversions Part 2

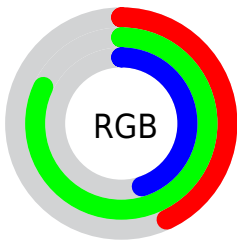
Format	Color
<a href="#">RYB</a>	<a href="#">110, 205, 210</a>
Decimal	<a href="#">7262835</a>
CIELab	<a href="#">76.46, -48.66, 38.14</a>
CIELCh	<a href="#">76, 61.826, 141.908</a>
Yxy	<a href="#">50.6460, 0.3030, 0.4711</a>
Android (android.graphics.Color)	<a href="#">4285452915 (0xFF6ED273)</a>
YUV	<a href="#">169.2700, -26.7551, -51.9798</a>
Hunter-Lab	<a href="#">71.1660, -42.8440, 29.5891</a>

# Details

The Hex color **6ED273** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D26ECD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A7FFA8**, and **339B41** is the 20% darker color. If you saturate the color by 10%, you get **59D25F**, and if you desaturate by 10%, it is **83D287**.

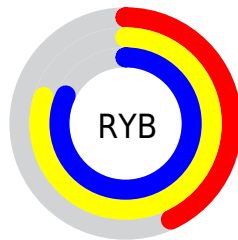
# Distribution



Red (43%)

Green (82%)

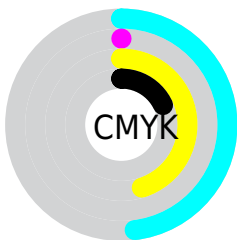
Blue (45%)



Red (43%)

Yellow (80%)

Blue (82%)

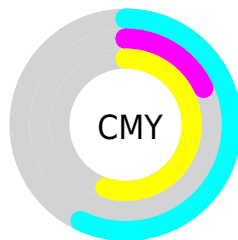


Cyan (48%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (57%)

Magenta (18%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ED273 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 6ED273 by changing the saturation by 10% instead.



 6ED273

 6ED273

FFFFFF

 51B659

 A7FFA8

 339B41

 C4FFC4

 058028

 E1FFE0

 00660D

FFFFFFD

 004D00

 003500

 001F00

 000000

 6ED273

 6ED273

 59D25F

 83D287

 44D24B

 98D29B

 2FD237

 ADD2AF

 1AD223

 C2D2C3

 05D20F

 D7D2D7

 00D20A

 ECD2EB

 FFD2FF

# Harmonies

## Analogous

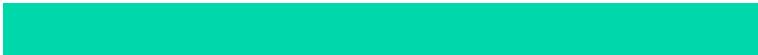
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B4C64C



6ED273



00D8AB

# Triad

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



6ED273



00C7FF



FF8D95

# Complementary

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



6ED273



D26ECD

# 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.



FF8CCF



6ED273



A5B4FF

# Square

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



6ED273



00D4FF



F49CFF



FF9E64

# Rectangle

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



6ED273



00D9D2



F49CFF



FF8AA8

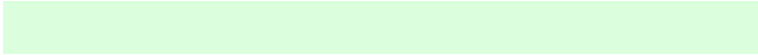


# Sweetspot

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



6ED273



DBFFDD



CDD26E



6A806B



000000



808080



# Same Dimension

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



6ED273



6EFF75



6ED2A5



5E695F



00A808



002902



# Inverse Universe

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



D26ECD



FF6EF8



D26E9B



695E68



A800A0



290027



# Previews

## White Background



This preview shows how the Hex color 6ED273 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 6ED273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

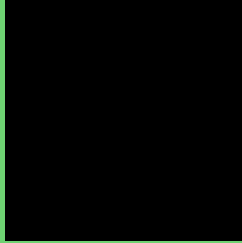
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6ED273 Background



This preview shows how black text looks on a background with the Hex color 6ED273.

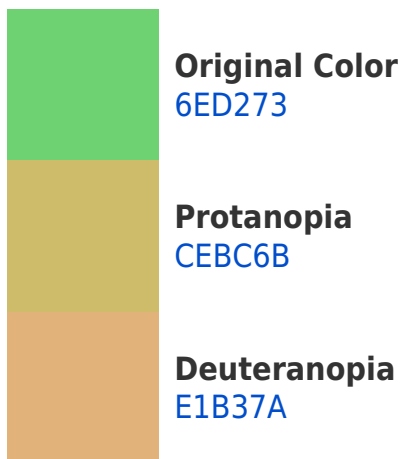


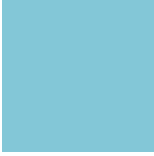
This preview shows how white text looks on a background with the Hex color 6ED273.

# 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**  
83C7D7

# Trichromacy



**Original Color**  
6ED273



**Protanomaly**  
ABC46E



**Deuteranomaly**  
B7BE77



**Tritanomaly**  
7BCBB3

# Monochromacy



**Original Color**  
6ED273



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
94B895

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ED273 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 #6ED273 looks like.

```
.text, #text, p{  
    color:#6ED273  
}
```

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 #6ED273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED273
}
```

## Border

The CSS property to change the border of an element to Hex 6ED273 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
#6ED273 }
```

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

```
.border{ border-color:#6ED273 }
```

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

Here you see how a box with a 4 pixel #6ED273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED273; -webkit-box-shadow:4px 4px  
4px 4px #6ED273; box-shadow:4px 4px 4px  
4px #6ED273 }
```

# Background

The CSS property to change the background color of an element to Hex 6ED273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED273 }
```

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

```
.background{ background-color:#6ED273 }
```

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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