

# Converting Colors

Hex(5DC472)

Have a look what the booklet for  
Hex(5DC472) contains.

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# **Color**

**Hex(5DC472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DC472
RGB	93, 196, 114
RGB Percent	36%, 77%, 45%
CMY	0.6353, 0.2314, 0.5529
CMYK	0.53, 0.00, 0.42, 0.23
HSL	132°, 47%, 57%
HSV	132°, 53%, 77%
XYZ	27.2914, 43.0219, 22.7852
YIQ	155.8550, -35.0660, -47.3380

# Conversions

## Conversions Part 2

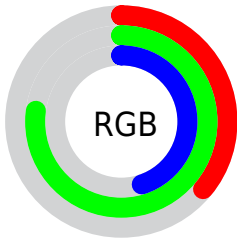
Format	Color
<a href="#">RYB</a>	<a href="#">93, 179, 196</a>
Decimal	<a href="#">6145138</a>
CIELab	<a href="#">71.57, -47.59, 32.24</a>
CIELCh	<a href="#">72, 57.488, 145.884</a>
Yxy	<a href="#">43.0219, 0.2931, 0.4621</a>
Android (android.graphics.Color)	<a href="#">4284335218 (0xFF5DC472)</a>
YUV	<a href="#">155.8550, -20.6345, -55.1238</a>
Hunter-Lab	<a href="#">65.5911, -40.5135, 25.3174</a>

# Details

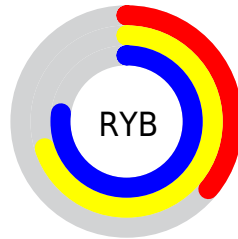
The Hex color **5DC472** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C45DAF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **96FDA7**, and **1D8D40** is the 20% darker color. If you saturate the color by 10%, you get **49C462**, and if you desaturate by 10%, it is **71C482**.

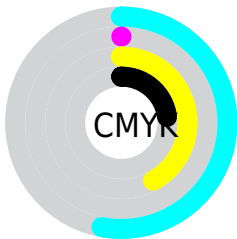
# Distribution



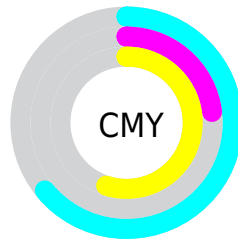
- Red (36%)
- Green (77%)
- Blue (45%)



- Red (36%)
- Yellow (70%)
- Blue (77%)



- Cyan (53%)
- Magenta (0%)
- Yellow (42%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DC472 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 5DC472 by changing the saturation by 10% instead.



 5DC472

 5DC472

FFFFFF

 3FA859

 96FDA7

 1D8D40

 B3FFC2

 007329

 D0FFDE

 005A10

 EDFFFB

 004100

 002B00

 000B00

 000000

 5DC472

 5DC472

 49C462

 71C482

 36C453

 84C491

 22C443

 98C4A1

 0FC434

 ABC4B0

 00C428

 BFC4C0

 D3C4D0

 E6C4DF

 FAC4EF

 FFC4FE

# Harmonies

## Analogous

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



A0BA4C



5DC472



00C9A6

# Triad

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



5DC472



15B7FF



FF8585

# Complementary

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



5DC472



C45DAF

# 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.



FF82B9



5DC472



A6A4FF

# Square

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



5DC472



00C3FF



E98FEB



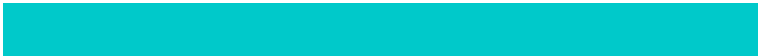
FA9659

# Rectangle

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



5DC472



00C9CA



E98FEB



FF8295

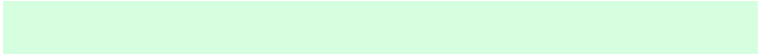


# Sweetspot

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



5DC472



D6FFDF



AFC45D



67806C



000000



808080



# Same Dimension

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



5DC472



5EFF7F



5DC4A5



576159



00A121



002107



# Inverse Universe

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



C45DAF



FF5EDE



C45D7C



61575F



A10080



21001A



# Previews

## White Background



This preview shows how the Hex color 5DC472 looks on a white background.

## Color Contrast Check

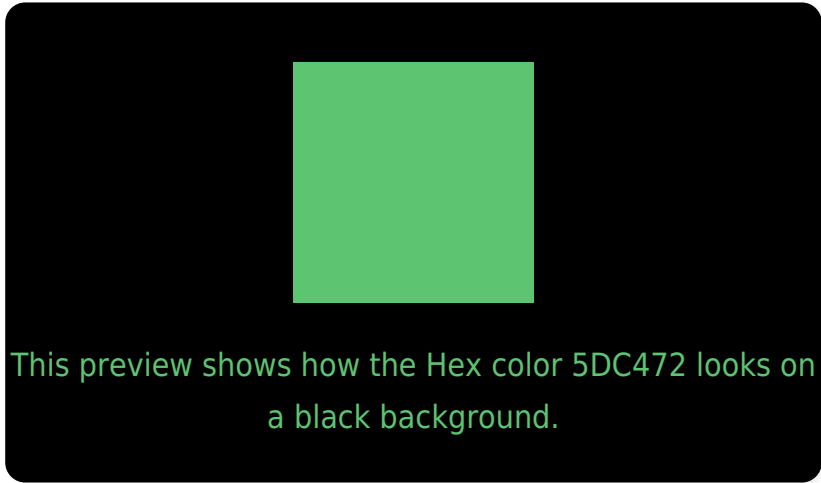
Large Text (above 18pt) WCAG AA × Fail

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

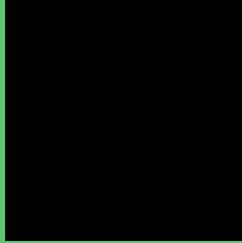
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DC472 Background



This preview shows how black text looks on a background with the Hex color 5DC472.

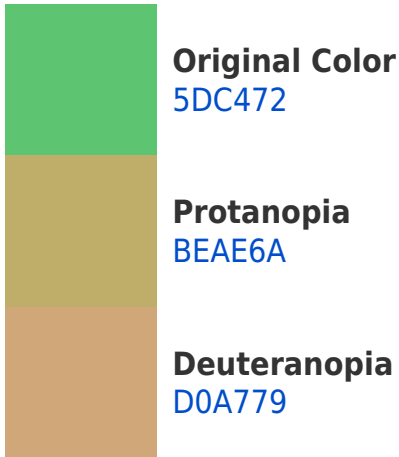


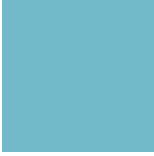
This preview shows how white text looks on a background with the Hex color 5DC472.

# 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**  
72BAC9

# Trichromacy



**Original Color**  
5DC472



**Protanomaly**  
9BB66D



**Deuteranomaly**  
A6B276



**Tritanomaly**  
6ABEA9

# Monochromacy



**Original Color**  
5DC472



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
85AB8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DC472 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 #5DC472 looks like.

```
.text, #text, p{  
    color:#5DC472  
}
```

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 #5DC472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC472
}
```

## Border

The CSS property to change the border of an element to Hex 5DC472 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
#5DC472 }
```

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

```
.border{ border-color:#5DC472 }
```

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

Here you see how a box with a 4 pixel #5DC472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC472; -webkit-box-shadow:4px 4px  
4px 4px #5DC472; box-shadow:4px 4px 4px  
4px #5DC472 }
```

# Background

The CSS property to change the background color of an element to Hex 5DC472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC472 }
```

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

```
.background{ background-color:#5DC472 }
```

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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