

# Converting Colors

Decimal(5296484)

Have a look what the booklet for  
Decimal(5296484) contains.

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# **Color**

**Decimal(5296484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50D164
RGB	80, 209, 100
RGB Percent	31%, 82%, 39%
CMY	0.6863, 0.1804, 0.6078
CMYK	0.62, 0.00, 0.52, 0.18
HSL	129°, 58%, 57%
HSV	129°, 62%, 82%
XYZ	28.4090, 48.2265, 19.8679
YIQ	158.0030, -41.8950, -61.2470

# Conversions

## Conversions Part 2

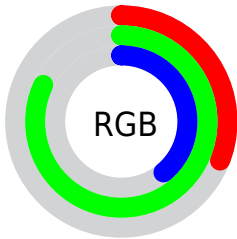
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 192, 209
Decimal	5296484
CIELab	74.97, -57.80, 43.40
CIELCh	75, 72.279, 143.096
Yxy	48.2265, 0.2944, 0.4997
Android (android.graphics.Color)	4283486564 (0xFF50D164)
YUV	158.0030, -28.5955, -68.4086
Hunter-Lab	69.4453, -48.5077, 31.6492

# Details

The Decimal color **5296484** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **13717693**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9306009**, and **39217** is the 20% darker color. If you saturate the color by 10%, you get **3920210**, and if you desaturate by 10%, it is **6672758**.

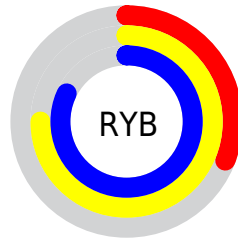
# Distribution



Red (31%)

Green (82%)

Blue (39%)



Red (31%)

Yellow (75%)

Blue (82%)

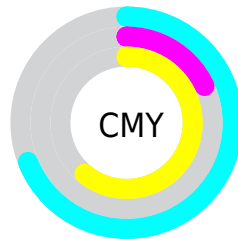


Cyan (62%)

Magenta (0%)

Yellow (52%)

Black (18%)



Cyan (69%)

Magenta (18%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5296484 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 Decimal color 5296484 by changing the saturation by 10% instead.





5296484



5296484

16777215



2929994



9306009



39217



11272116



32278



13238225



25600



15204333



19200



13312



6656



0



5296484



5296484

■ 3920210

■ 6672758

■ 2543937

■ 8049031

■ 1167663

■ 9425305

■ 53536

■ 10801579

■ 12177852

■ 13488590

■ 14864864

■ 16241137

■ 16765439

# Harmonies

## Analogous

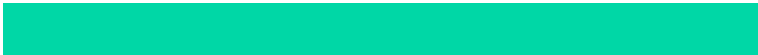
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11125807



5296484



55206

# Triad

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



5296484



50687



16743816

# Complementary

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



5296484



13717693

# 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.



16743115



5296484



10268159

# Square

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



5296484



54271



16421119



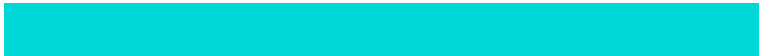
16749902

# Rectangle

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



5296484



55509



16421119



16742814

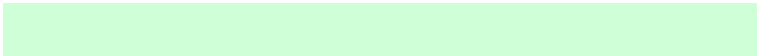


# Sweetspot

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



5296484



13631446



12505424



6455399



0



8421504



# Same Dimension

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



5296484



4390752



5296548



6187360



43034



10502



# Inverse Universe

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



13717693



16728802



13717629



6905447



11010190



2687010



# Previews

## White Background



This preview shows how the Decimal color 5296484 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 Decimal color 5296484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

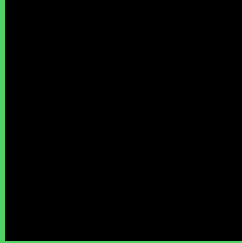
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5296484 Background



This preview shows how black text looks on a background with the Decimal color 5296484.

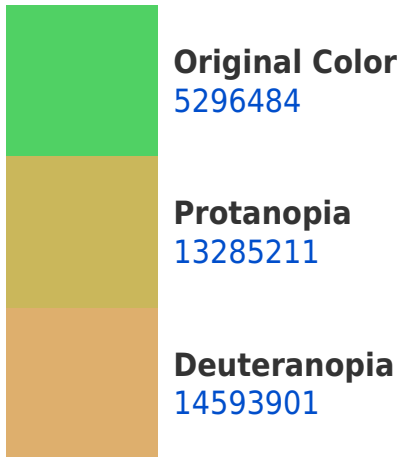


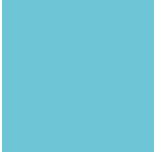
This preview shows how white text looks on a background with the Decimal color 5296484.

# 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](#).

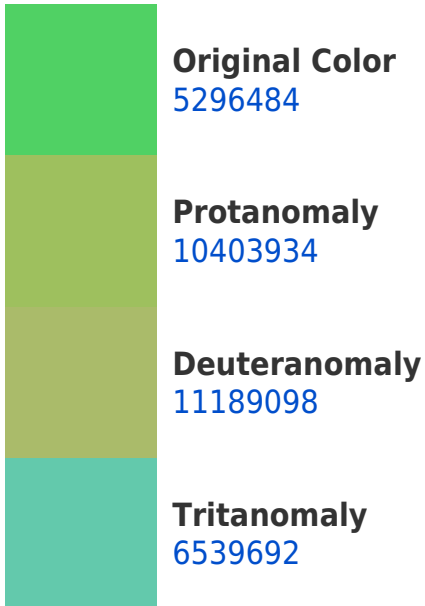
## Dichromacy



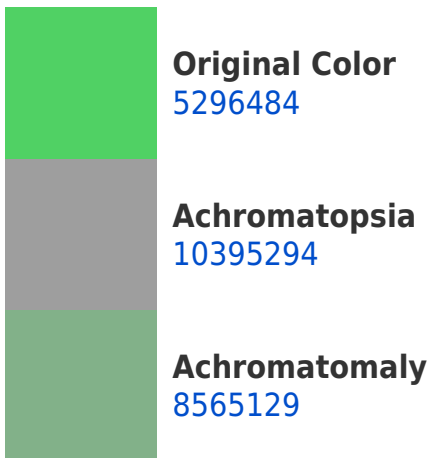


**Tritanopia**  
7259605

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5296484 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 #50D164 looks like.

```
.text, #text, p{  
    color:#50D164  
}
```

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 #50D164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D164
}
```

## Border

The CSS property to change the border of an element to Decimal 5296484 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
#50D164 }
```

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

```
.border{ border-color:#50D164 }
```

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

Here you see how a box with a 4 pixel #50D164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D164; -webkit-box-shadow:4px 4px  
4px 4px #50D164; box-shadow:4px 4px 4px  
4px #50D164 }
```

# Background

The CSS property to change the background color of an element to Decimal 5296484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D164 }
```

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

```
.background{ background-color:#50D164 }
```

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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