

# Converting Colors

Decimal(5295448)

Have a look what the booklet for  
Decimal(5295448) contains.

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# **Color**

**Decimal(5295448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50CD58
RGB	80, 205, 88
RGB Percent	31%, 80%, 35%
CMY	0.6863, 0.1961, 0.6549
CMYK	0.61, 0.00, 0.57, 0.20
HSL	124°, 56%, 56%
HSV	124°, 61%, 80%
XYZ	26.9010, 46.0727, 16.7076
YIQ	154.2870, -36.9430, -62.8870

# Conversions

## Conversions Part 2

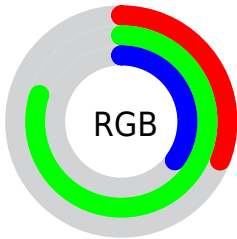
Format	Color
<a href="#">RYB</a>	<a href="#">80, 197, 205</a>
Decimal	<a href="#">5295448</a>
CIELab	<a href="#">73.59, -57.89, 47.40</a>
CIELCh	<a href="#">74, 74.821, 140.693</a>
Yxy	<a href="#">46.0727, 0.3000, 0.5137</a>
Android (android.graphics.Color)	<a href="#">4283485528 (0xFF50CD58)</a>
YUV	<a href="#">154.2870, -32.6795, -65.1497</a>
Hunter-Lab	<a href="#">67.8769, -48.0412, 32.9198</a>

# Details

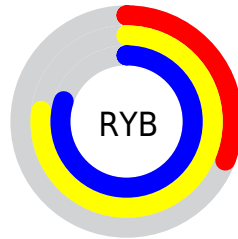
The Decimal color **5295448** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **13455557**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9305997**, and **38179** is the 20% darker color. If you saturate the color by 10%, you get **3984709**, and if you desaturate by 10%, it is **6671723**.

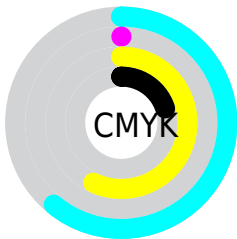
# Distribution



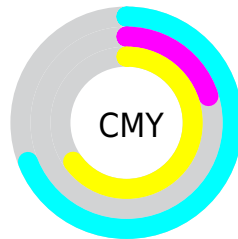
- Red (31%)
- Green (80%)
- Blue (35%)



- Red (31%)
- Yellow (77%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (57%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5295448 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 5295448 by changing the saturation by 10% instead.



 5295448


 5295448

16777215


 2994494

 9305997

 38179

 11272104

 31488

 13172676

 24832

 15138785

 18432

16777214

 12544

 5376

 0

 5295448

 5295448

 3984709

 6671723

 2608434

 7982462

 1297694

 9358738

 52493

 10669477

 12045752

 13356491

 14732766

 16043506

 16764415

# Harmonies

## Analogous

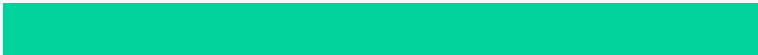
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11124765



5295448



54428

# Triad

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



5295448



50175



16741768

# Complementary

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



5295448



1345557

# 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.



16741581



5295448



9088255

# Square

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



5295448



53503



15896063



16748107

# Rectangle

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



5295448



54732



15896063



16740767

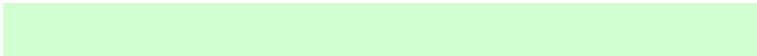


# Sweetspot

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



5295448



13762516



13094224



6520933



0



8421504



# Same Dimension

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



5295448



4587345



5295509



6055516



42507



9730



# Inverse Universe

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



1345557



16729587



13455496



6708325



10879131



2490404



# Previews

## White Background



This preview shows how the Decimal color 5295448 looks on a white background.

## Color Contrast Check

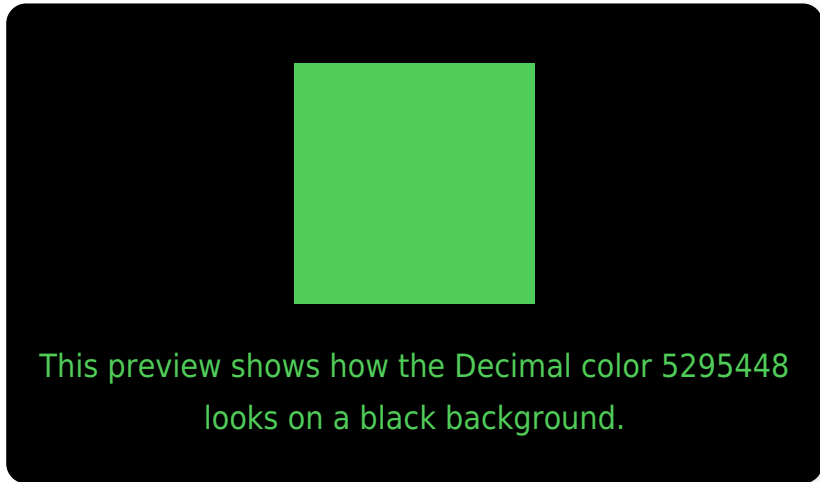
Large Text (above 18pt) WCAG AA × Fail

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

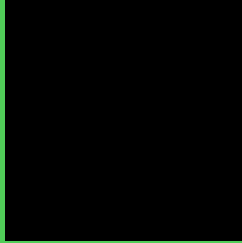
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 5295448 Background



This preview shows how black text looks on a background with the Decimal color 5295448.

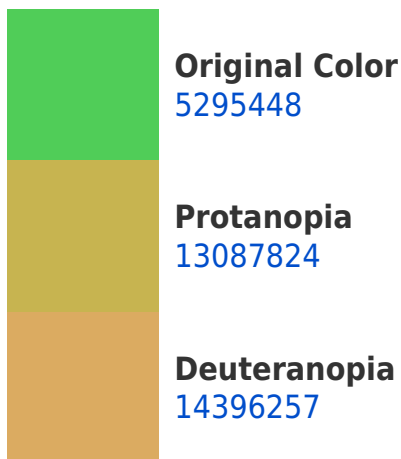


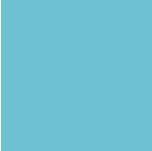
This preview shows how white text looks on a background with the Decimal color 5295448.

# 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**  
7258576

# Trichromacy



**Original Color**

5295448



**Protanomaly**

10272083



**Deuteranomaly**

11056990



**Tritanomaly**

6538660

# Monochromacy



**Original Color**

5295448



**Achromatopsia**

10132122



**Achromatomaly**

8367490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5295448 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 #50CD58 looks like.

```
.text, #text, p{  
    color:#50CD58  
}
```

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 #50CD58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CD58
}
```

## Border

The CSS property to change the border of an element to Decimal 5295448 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
#50CD58 }
```

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

```
.border{ border-color:#50CD58 }
```

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

Here you see how a box with a 4 pixel #50CD58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CD58; -webkit-box-shadow:4px 4px  
4px 4px #50CD58; box-shadow:4px 4px 4px  
4px #50CD58 }
```

# Background

The CSS property to change the background color of an element to Decimal 5295448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CD58 }
```

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

```
.background{ background-color:#50CD58 }
```

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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