

Converting Colors

Decimal(5294928)

Have a look what the booklet for
Decimal(5294928) contains.

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Color

Decimal(5294928)

Conversions

Conversions Part 1

Format	Color
Hex	50CB50
RGB	80, 203, 80
RGB Percent	31%, 80%, 31%
CMY	0.6863, 0.2039, 0.6863
CMYK	0.61, 0.00, 0.61, 0.20
HSL	120°, 54%, 55%
HSV	120°, 61%, 80%
XYZ	26.1122, 44.9965, 14.8984
YIQ	152.2010, -33.8250, -64.3290

Conversions

Conversions Part 2

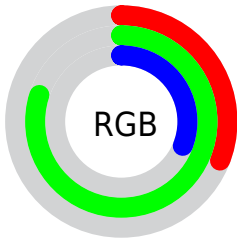
Format	Color
RYB	80, 203, 203
Decimal	5294928
CIELab	72.89, -58.10, 50.20
CIELCh	73, 76.785, 139.175
Yxy	44.9965, 0.3036, 0.5232
Android (android.graphics.Color)	4283485008 (0xFF50CB50)
YUV	152.2010, -35.5951, -63.3203
Hunter-Lab	67.0795, -47.9040, 33.7873

Details

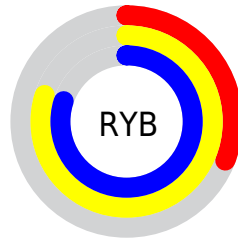
The Decimal color **5294928** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **13324491**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9305989**, and **37913** is the 20% darker color. If you saturate the color by 10%, you get **3984188**, and if you desaturate by 10%, it is **6605668**.

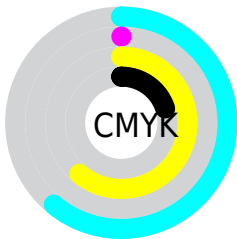
Distribution



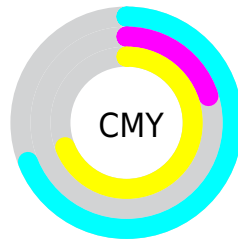
- Red (31%)
- Green (80%)
- Blue (31%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 5294928 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 5294928 by changing the saturation by 10% instead.



5294928



5294928

16777215



2993974



9305989



37913



11206560



30976



13172668



24320



15138777



17920



16777206



12032



4608



0



5294928



5294928

■ 3984188

■ 6605668

■ 2607911

■ 7981945

■ 1297171

■ 9292685

■ 51968

■ 10603425

■ 11979702

■ 13290442

■ 14601182

■ 15911922

■ 16763903

Harmonies

Analogous

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



11189515



5294928



53910

Triad

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



5294928



49919



16740233

Complementary

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



5294928



13324491

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.



16740303



5294928



8236031

Square

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



5294928



53247



15633407



16746825

Rectangle

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



5294928



54471



15633407



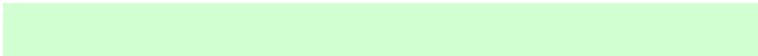
16739232

Sweetspot

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



5294928



13762513



13355856



6520931



0



8421504

Same Dimension

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



5294928



4587333



5294990



6055516



42496



9728

Inverse Universe

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



13324491



16729599



13324430



6708326



10879142



2490406

Previews

White Background



This preview shows how the Decimal color 5294928 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 5294928 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 5294928 Background



This preview shows how black text looks on a background with the Decimal color 5294928.

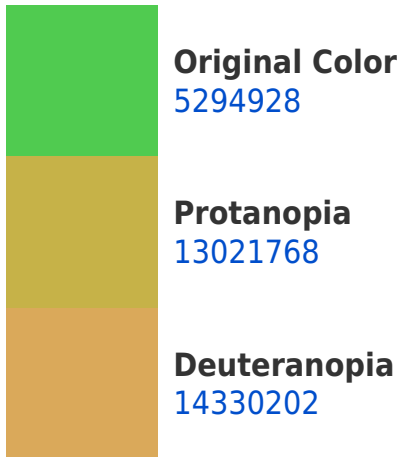


This preview shows how white text looks on a background with the Decimal color 5294928.

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



Trichromacy



Original Color

5294928



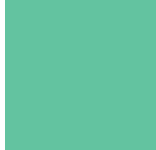
Protanomaly

10206027



Deuteranomaly

11056470



Tritanomaly

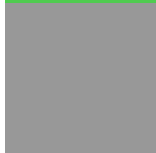
6538144

Monochromacy



Original Color

5294928



Achromatopsia

10000536



Achromatomaly

8301438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5294928 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 #50CB50 looks like.

```
.text, #text, p{  
    color:#50CB50  
}
```

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 #50CB50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CB50
}
```

Border

The CSS property to change the border of an element to Decimal 5294928 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
#50CB50 }
```

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

```
.border{ border-color:#50CB50 }
```

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

Here you see how a box with a 4 pixel #50CB50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CB50; -webkit-box-shadow:4px 4px  
4px 4px #50CB50; box-shadow:4px 4px 4px  
4px #50CB50 }
```

Background

The CSS property to change the background color of an element to Decimal 5294928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CB50 }
```

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

```
.background{ background-color:#50CB50 }
```

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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