

Converting Colors

Decimal(5295440)

Have a look what the booklet for
Decimal(5295440) contains.

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Color

Decimal(5295440)

Conversions

Conversions Part 1

Format	Color
Hex	50CD50
RGB	80, 205, 80
RGB Percent	31%, 80%, 31%
CMY	0.6863, 0.1961, 0.6863
CMYK	0.61, 0.00, 0.61, 0.20
HSL	120°, 56%, 56%
HSV	120°, 61%, 80%
XYZ	26.5876, 45.9473, 15.0568
YIQ	153.3750, -34.3750, -65.3750

Conversions

Conversions Part 2

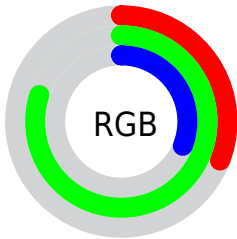
Format	Color
RYB	80, 205, 205
Decimal	5295440
CIELab	73.51, -58.82, 50.91
CIElCh	74, 77.792, 139.127
Yxy	45.9473, 0.3035, 0.5246
Android (android.graphics.Color)	4283485520 (0xFF50CD50)
YUV	153.3750, -36.1739, -64.3499
Hunter-Lab	67.7844, -48.6085, 34.2791

Details

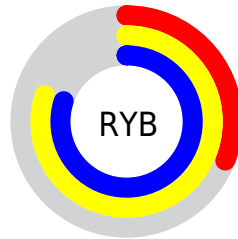
The Decimal color **5295440** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **13455565**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9305989**, and **38168** is the 20% darker color. If you saturate the color by 10%, you get **3984700**, and if you desaturate by 10%, it is **6671717**.

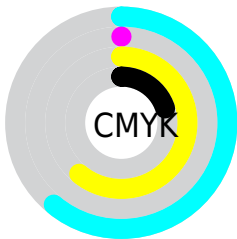
Distribution



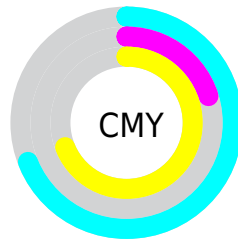
- Red (31%)
- Green (80%)
- Blue (31%)



- 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 5295440 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 5295440 by changing the saturation by 10% instead.

 5295440

 5295440

16777215

 2928949

 9305989

 38168

 11272097

 31488

 13238204

 24832

 15204313

 18432

 16777206

 12544

 5376

 0

 5295440

 5295440

 3984700

 6671717

 2608423

 7982457

 1297683

 9358734

 52480

 10669474

 12045751

 13356491

 14732768

 16043508

 16764415

Harmonies

Analogous

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



11321095



5295440



54423

Triad

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



5295440



50431



16740234

Complementary

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



5295440



1345565

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.



16740562



5295440



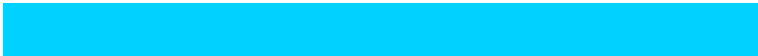
8236543

Square

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



5295440



53759



15764735



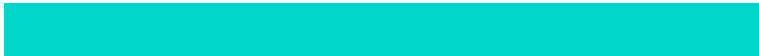
16747081

Rectangle

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



5295440



54985



15764735



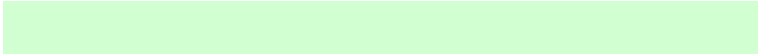
16739490

Sweetspot

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



5295440



13762513



13487440



6520931



0



8421504

Same Dimension

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



5295440



4587333



5295503



6055516



42496



9728

Inverse Universe

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



13455565



16729599



13455503



6708326



10879142



2490406

Previews

White Background



This preview shows how the Decimal color 5295440 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 5295440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

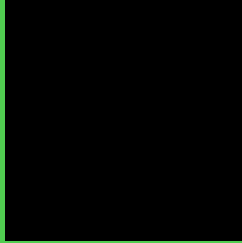
Any Text WCAG AA ✓ Pass

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 5295440 Background



This preview shows how black text looks on a background with the Decimal color 5295440.

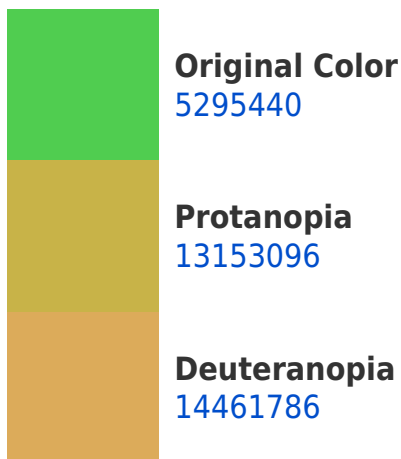


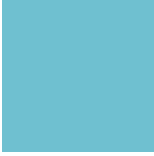
This preview shows how white text looks on a background with the Decimal color 5295440.

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
7323856

Trichromacy



Original Color

5295440



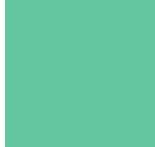
Protanomaly

10271819



Deuteranomaly

11122518



Tritanomaly

6604193

Monochromacy



Original Color

5295440



Achromatopsia

10066329



Achromatomaly

8301694

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5295440 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 #50CD50 looks like.

```
.text, #text, p{  
    color:#50CD50  
}
```

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 #50CD50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CD50
}
```

Border

The CSS property to change the border of an element to Decimal 5295440 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
#50CD50 }
```

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

```
.border{ border-color:#50CD50 }
```

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

Here you see how a box with a 4 pixel #50CD50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CD50; -webkit-box-shadow:4px 4px  
4px 4px #50CD50; box-shadow:4px 4px 4px  
4px #50CD50 }
```

Background

The CSS property to change the background color of an element to Decimal 5295440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CD50 }
```

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

```
.background{ background-color:#50CD50 }
```

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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