

Converting Colors

Decimal(5036378)

Have a look what the booklet for
Decimal(5036378) contains.

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Color

Decimal(5036378)

Conversions

Conversions Part 1

Format	Color
Hex	4CD95A
RGB	76, 217, 90
RGB Percent	30%, 85%, 35%
CMY	0.7020, 0.1490, 0.6471
CMYK	0.65, 0.00, 0.59, 0.15
HSL	126°, 65%, 57%
HSV	126°, 65%, 85%
XYZ	29.6388, 51.9004, 18.1285
YIQ	160.3630, -43.2690, -69.3890

Conversions

Conversions Part 2

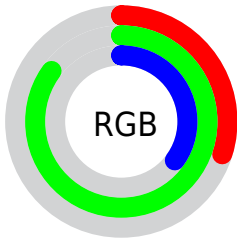
Format	Color
RYB	76, 204, 217
Decimal	5036378
CIELab	77.22, -62.75, 50.70
CIELCh	77, 80.676, 141.065
Yxy	51.9004, 0.2974, 0.5207
Android (android.graphics.Color)	4283226458 (0xFF4CD95A)
YUV	160.3630, -34.6890, -73.9864
Hunter-Lab	72.0419, -52.6366, 35.5097

Details

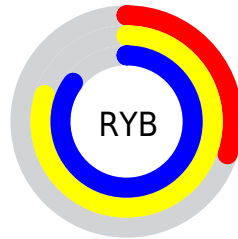
The Decimal color **5036378** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **14240971**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **9240464**, and **41252** is the 20% darker color. If you saturate the color by 10%, you get **3594566**, and if you desaturate by 10%, it is **6478190**.

Distribution



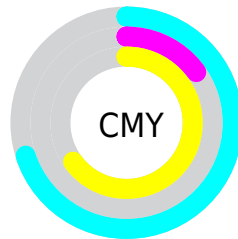
- Red (30%)
- Green (85%)
- Blue (35%)



- Red (30%)
- Yellow (80%)
- Blue (85%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (15%)



- Cyan (70%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5036378 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 5036378 by changing the saturation by 10% instead.

5036378

5036378

16777215

2342208

9240464

41252

11206571

34304

13172679

27392

15204324

20736

14592

8448

0

5036378

5036378

■ 3594566

■ 6478190

■ 2218291

■ 7854465

■ 776479

■ 9296277

■ 55574

■ 10738088

■ 12179900

■ 13556175

■ 14997987

■ 16439798

■ 16767487

Harmonies

Analogous

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



11586321



5036378



57509

Triad

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



5036378



52991



16742542

Complementary

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



5036378



14240971

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.



16742104



5036378



9483519

Square

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



5036378



56575



16749311



16749642

Rectangle

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



5036378



58073



16749311



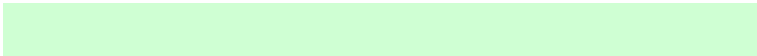
16741286

Sweetspot

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



5036378



13631443



13490508



6455397



0



8421504

Same Dimension

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



5036378



3735372



5036446



6516324



44305



11781

Inverse Universe

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



14240971



16726251



14240903



7234413



11337884



3014697

Previews

White Background



This preview shows how the Decimal color 5036378 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 5036378 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 5036378 Background



This preview shows how black text looks on a background with the Decimal color 5036378.

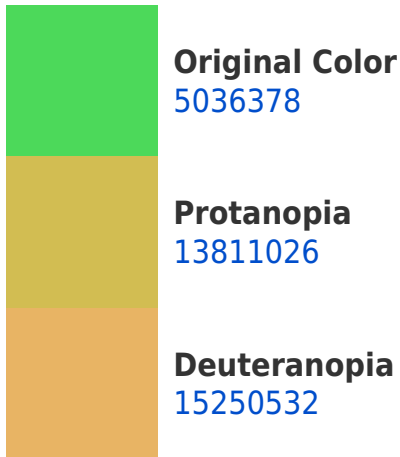


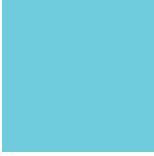
This preview shows how white text looks on a background with the Decimal color 5036378.

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
7326940

Trichromacy



Original Color
5036378



Protanomaly
10602325



Deuteranomaly
11518304



Tritanomaly
6476205

Monochromacy



Original Color
5036378



Achromatopsia
10526880



Achromatomaly
8500615

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5036378 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 #4CD95A looks like.

```
.text, #text, p{  
    color:#4CD95A  
}
```

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 #4CD95A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD95A
}
```

Border

The CSS property to change the border of an element to Decimal 5036378 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
#4CD95A }
```

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

```
.border{ border-color:#4CD95A }
```

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

Here you see how a box with a 4 pixel #4CD95A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD95A; -webkit-box-shadow:4px 4px  
4px 4px #4CD95A; box-shadow:4px 4px 4px  
4px #4CD95A }
```

Background

The CSS property to change the background color of an element to Decimal 5036378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD95A }
```

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

```
.background{ background-color:#4CD95A }
```

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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