

Converting Colors

Decimal(5097496)

Have a look what the booklet for
Decimal(5097496) contains.

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Color

Decimal(5097496)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4DC818 |
| RGB | 77, 200, 24 |
| RGB Percent | 30%, 78%, 9% |
| CMY | 0.6980, 0.2157, 0.9059 |
| CMYK | 0.61, 0.00, 0.88, 0.22 |
| HSL | 102°, 79%, 44% |
| HSV | 102°, 88%, 78% |
| XYZ | 23.8797, 42.9523, 7.8962 |
| YIQ | 143.1590, -16.8120, -80.8120 |

Conversions

Conversions Part 2

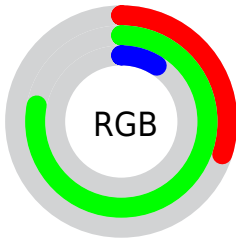
| Format | Color |
|-------------------------------------|--|
| RYB | 24, 200, 147 |
| Decimal | 5097496 |
| CIELab | 71.52, -61.75, 67.50 |
| CIELCh | 72, 91.484, 132.454 |
| Yxy | 42.9523, 0.3196, 0.5748 |
| Android (android.graphics.Color) | 4283287576 (0xFF4DC818) |
| YUV | 143.1590, -58.7454, -58.0214 |
| Hunter-Lab | 65.5380, -49.6524, 38.7332 |

Details

The Decimal color **5097496** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **9640136**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9240409**, and **37120** is the 20% darker color. If you saturate the color by 10%, you get **4179972**, and if you desaturate by 10%, it is **6015020**.

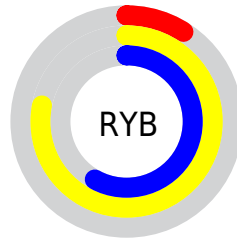
Distribution



Red (30%)

Green (78%)

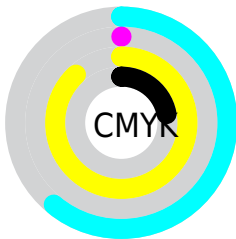
Blue (9%)



Red (9%)

Yellow (78%)

Blue (58%)

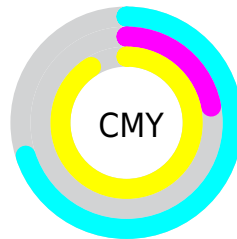


Cyan (61%)

Magenta (0%)

Yellow (88%)

Black (22%)



Cyan (70%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5097496 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 5097496 by changing the saturation by 10% instead.

■ 5097496

■ 5097496

16777215

■ 2534400

■ 9240409

■ 37120

■ 11206518

■ 30208

■ 13172626

■ 23552

■ 15204270

■ 17152

■ 16777163

■ 11264

■ 16777193

■ 2560

■ 0

■ 5097496

■ 5097496

■ 4179972

■ 6015020

■ 3983360

■ 6932544

■ 7850068

■ 8767592

■ 9685116

■ 10602640

■ 11520164

■ 12437688

■ 13355212

Harmonies

Analogous

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



11777536



5097496



53625

Triad

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



5097496



50943



16731024

Complementary

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



5097496



9640136

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.



16734692



5097496



44799

Square

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



5097496



54015



14452735



16740416

Rectangle

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



5097496



54196



14452735



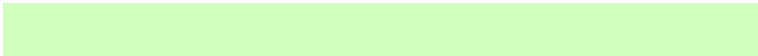
16730284

Sweetspot

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



5097496



13762493



13144088



6586456



0



8421504

Same Dimension

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



5097496



5111552



1624120



6054746



3252992



730112

Inverse Universe

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



9640136



11665663



13113512



6314595



7471267



1638436

Previews

White Background



This preview shows how the Decimal color 5097496 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 5097496 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 5097496 Background



This preview shows how black text looks on a background with the Decimal color 5097496.

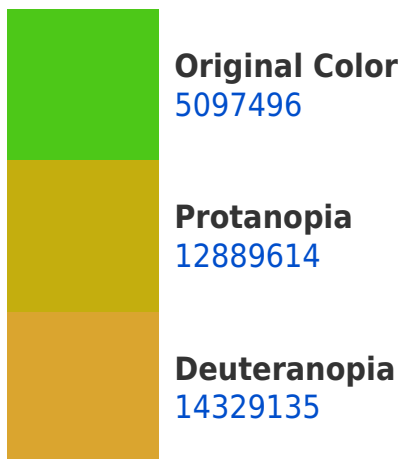


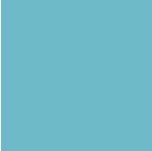
This preview shows how white text looks on a background with the Decimal color 5097496.

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
7256777

Trichromacy



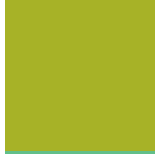
Original Color

5097496



Protanomaly

10073874



Deuteranomaly

10990119



Tritanomaly

6471561

Monochromacy



Original Color

5097496



Achromatopsia

9408399



Achromatomaly

7840868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5097496 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 #4DC818 looks like.

```
.text, #text, p{  
    color:#4DC818  
}
```

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 #4DC818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC818
}
```

Border

The CSS property to change the border of an element to Decimal 5097496 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
#4DC818 }
```

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

```
.border{ border-color:#4DC818 }
```

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

Here you see how a box with a 4 pixel #4DC818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC818; -webkit-box-shadow:4px 4px  
4px 4px #4DC818; box-shadow:4px 4px 4px  
4px #4DC818 }
```

Background

The CSS property to change the background color of an element to Decimal 5097496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC818 }
```

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

```
.background{ background-color:#4DC818 }
```

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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