

# Converting Colors

Decimal(5425228)

Have a look what the booklet for  
Decimal(5425228) contains.

<b>Decimal(5425228)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(5425228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52C84C
RGB	82, 200, 76
RGB Percent	32%, 78%, 30%
CMY	0.6784, 0.2157, 0.7020
CMYK	0.59, 0.00, 0.62, 0.22
HSL	117°, 53%, 54%
HSV	117°, 62%, 78%
XYZ	25.4385, 43.6242, 13.9170
YIQ	150.5820, -30.5240, -63.5800

# Conversions

## Conversions Part 2

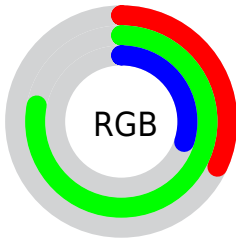
Format	Color
<a href="#">RYB</a>	<a href="#">76, 200, 194</a>
Decimal	<a href="#">5425228</a>
CIELab	<a href="#">71.98, -56.99, 50.94</a>
CIELCh	<a href="#">72, 76.435, 138.208</a>
Yxy	<a href="#">43.6242, 0.3066, 0.5257</a>
Android (android.graphics.Color)	<a href="#">4283615308 (0xFF52C84C)</a>
YUV	<a href="#">150.5820, -36.7689, -60.1464</a>
Hunter-Lab	<a href="#">66.0486, -46.8362, 33.7411</a>

# Details

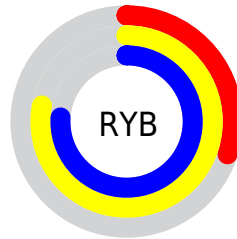
The Decimal color **5425228** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **12733640**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9371521**, and **37139** is the 20% darker color. If you saturate the color by 10%, you get **4180024**, and if you desaturate by 10%, it is **6670432**.

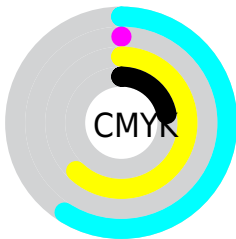
# Distribution



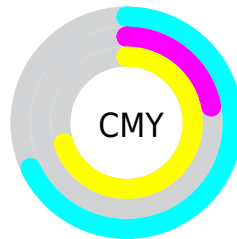
- Red (32%)
- Green (78%)
- Blue (30%)



- Red (30%)
- Yellow (78%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5425228 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 5425228 by changing the saturation by 10% instead.



 5425228

 5425228

16777215

 3189809

 9371521

 37139

 11337628

 30208


 13238200

 23552

 15204309

 17152

 16777202

 11520

 3328

 0

 5425228

 5425228


 4180024

 6670432

 2934820

 7915636

 1689616

 9160840

 706560

 10406044

 11651248

 12896452

 14141656

 15386860

 16632063

# Harmonies

## Analogous

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



11188740



5425228



53138

# Triad

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



5425228



49407



16739465

# Complementary

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



5425228



12733640

# 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.



16740047



5425228



7711487

# Square

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



5425228



52735



15239935



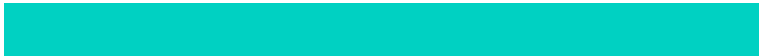
16746057

# Rectangle

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



5425228



53698



15239935



16738720

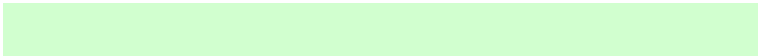


# Sweetspot

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



5425228



13762511



13156940



6586466



0



8421504



# Same Dimension

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



5425228



4980546



5032068



5923674



566016



140288



# Inverse Universe

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



12733640



16139007



13126800



6511203



10158243



2228260



# Previews

## White Background



This preview shows how the Decimal color 5425228 looks on a white background.

## Color Contrast Check

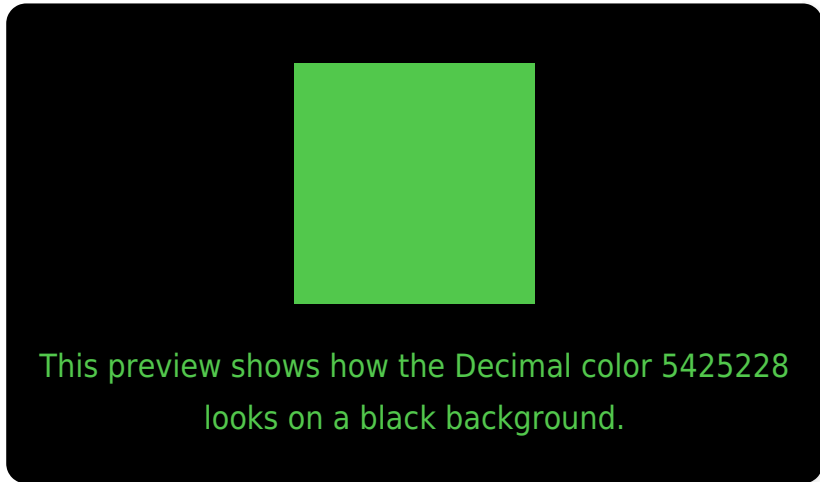
Large Text (above 18pt) WCAG AA × Fail

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

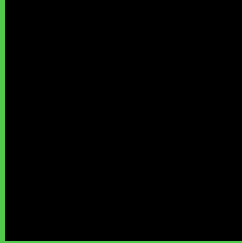
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5425228 Background



This preview shows how black text looks on a background with the Decimal color 5425228.

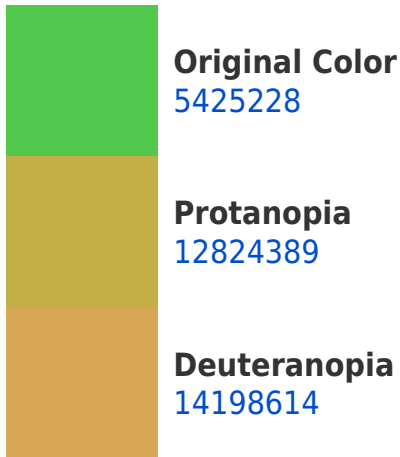


This preview shows how white text looks on a background with the Decimal color 5425228.

# 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](#).

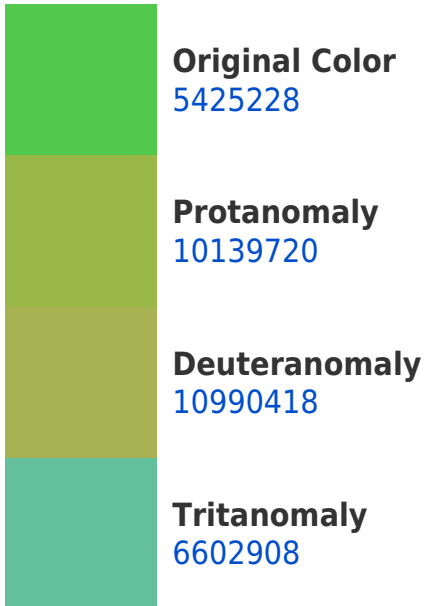
## Dichromacy



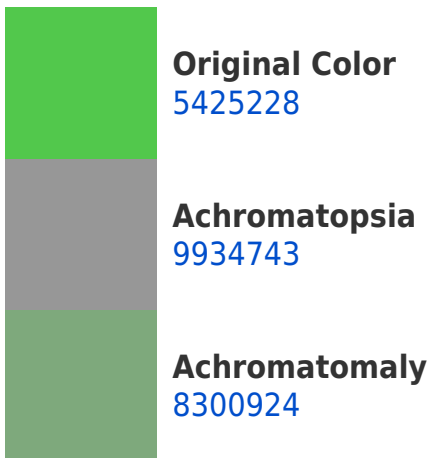


**Tritanopia**  
7322570

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5425228 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 #52C84C looks like.

```
.text, #text, p{  
    color:#52C84C  
}
```

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 #52C84C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52C84C
}
```

## Border

The CSS property to change the border of an element to Decimal 5425228 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
#52C84C }
```

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

```
.border{ border-color:#52C84C }
```

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

Here you see how a box with a 4 pixel #52C84C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52C84C; -webkit-box-shadow:4px 4px  
4px 4px #52C84C; box-shadow:4px 4px 4px  
4px #52C84C }
```

# Background

The CSS property to change the background color of an element to Decimal 5425228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52C84C }
```

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

```
.background{ background-color:#52C84C }
```

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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