

Converting Colors

Decimal(5424204)

Have a look what the booklet for
Decimal(5424204) contains.

Decimal(5424204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5424204)

Conversions

Conversions Part 1

Format	Color
Hex	52C44C
RGB	82, 196, 76
RGB Percent	32%, 77%, 30%
CMY	0.6784, 0.2314, 0.7020
CMYK	0.58, 0.00, 0.61, 0.23
HSL	117°, 50%, 53%
HSV	117°, 61%, 77%
XYZ	24.5241, 41.7955, 13.6123
YIQ	148.2340, -29.4240, -61.4880

Conversions

Conversions Part 2

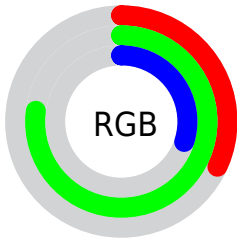
Format	Color
RYB	76, 196, 190
Decimal	5424204
CIELab	70.73, -55.52, 49.53
CIELCh	71, 74.403, 138.265
Yxy	41.7955, 0.3068, 0.5229
Android (android.graphics.Color)	4283614284 (0xFF52C44C)
YUV	148.2340, -35.6114, -58.0872
Hunter-Lab	64.6494, -45.4243, 32.7708

Details

The Decimal color **5424204** 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 **12471492**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9371265**, and **36116** is the 20% darker color. If you saturate the color by 10%, you get **4179000**, and if you desaturate by 10%, it is **6669408**.

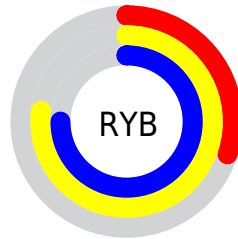
Distribution



Red (32%)

Green (77%)

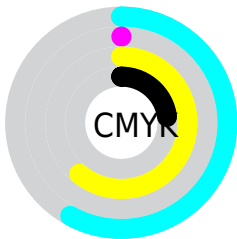
Blue (30%)



Red (30%)

Yellow (77%)

Blue (75%)

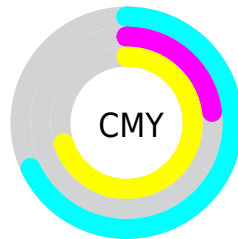


Cyan (58%)

Magenta (0%)

Yellow (61%)

Black (23%)



Cyan (68%)

Magenta (23%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5424204 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 5424204 by changing the saturation by 10% instead.

 5424204

 5424204

16777215


 3254322

 9371265

 36116

 11272092

 29440

 13172664

 22784

 15138772

 16384

 16777201

 10752

 1280

 0

 5424204

 5424204

■ 4179000

■ 6669408

■ 2999333

■ 7849075

■ 1754129

■ 9094279

■ 705536

■ 10273946

■ 11519150

■ 12764354

■ 13944021

■ 15189225

■ 16434428

Harmonies

Analogous

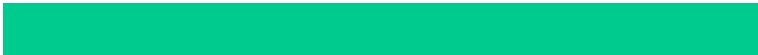
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10991116



5424204



52111

Triad

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



5424204



48639



16739207

Complementary

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



5424204



12471492

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.



16739787



5424204



7710463

Square

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



5424204



51711



14977279



16745545

Rectangle

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



5424204



52671



14977279



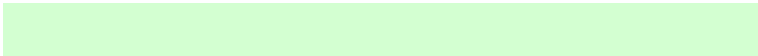
16738461

Sweetspot

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



5424204



13893585



12893772



6652003



0



8421504

Same Dimension

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



5424204



5177157



5031042



5792087



565504



139520

Inverse Universe

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



12471492



16139775



12864654



6313825



10027169



2031649

Previews

White Background



This preview shows how the Decimal color 5424204 looks on a white background.

Color Contrast Check

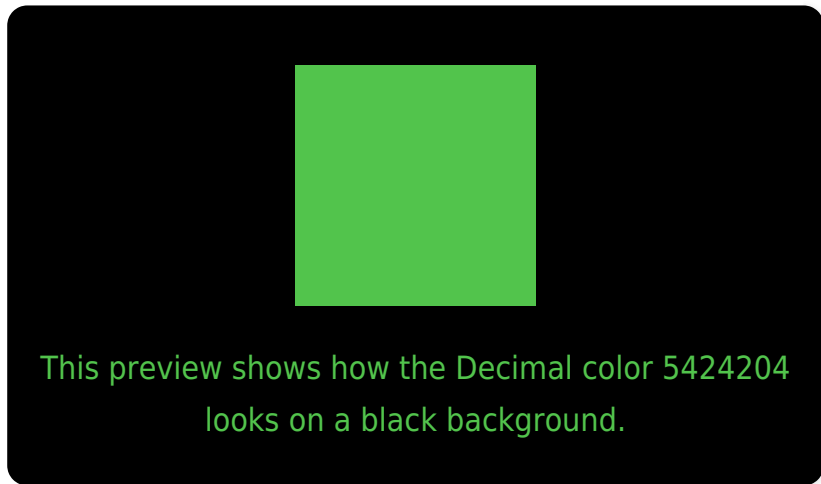
Large Text (above 18pt) WCAG AA × Fail

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

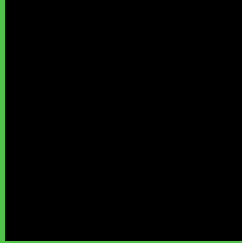
Any Text WCAG AA ✓ Pass

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 5424204 Background



This preview shows how black text looks on a background with the Decimal color 5424204.



This preview shows how white text looks on a background with the Decimal color 5424204.

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



Original Color
5424204

Protanopia
12561477

Deuteranopia
13870166

Trichromacy



Original Color

5424204



Protanomaly

9942344



Deuteranomaly

10793042



Tritanomaly

6601882

Monochromacy



Original Color

5424204



Achromatopsia

9737364



Achromatomaly

8168826

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5424204 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 #52C44C looks like.

```
.text, #text, p{  
    color:#52C44C  
}
```

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 #52C44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52C44C
}
```

Border

The CSS property to change the border of an element to Decimal 5424204 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
#52C44C }
```

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

```
.border{ border-color:#52C44C }
```

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

Here you see how a box with a 4 pixel #52C44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52C44C; -webkit-box-shadow:4px 4px  
4px 4px #52C44C; box-shadow:4px 4px 4px  
4px #52C44C }
```

Background

The CSS property to change the background color of an element to Decimal 5424204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52C44C }
```

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

```
.background{ background-color:#52C44C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor