

Converting Colors

Decimal(5424736)

Have a look what the booklet for
Decimal(5424736) contains.

Decimal(5424736)	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(5424736)

Conversions

Conversions Part 1

Format	Color
Hex	52C660
RGB	82, 198, 96
RGB Percent	32%, 78%, 38%
CMY	0.6784, 0.2235, 0.6235
CMYK	0.59, 0.00, 0.52, 0.22
HSL	127°, 50%, 55%
HSV	127°, 59%, 78%
XYZ	25.7851, 43.0265, 18.0123
YIQ	151.6880, -36.3940, -56.3140

Conversions

Conversions Part 2

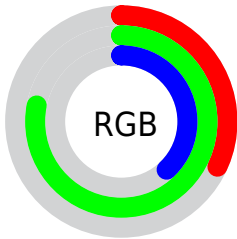
Format	Color
RYB	82, 186, 198
Decimal	5424736
CIELab	71.57, -53.79, 41.20
CIELCh	72, 67.755, 142.553
Yxy	43.0265, 0.2970, 0.4956
Android (android.graphics.Color)	4283614816 (0xFF52C660)
YUV	151.6880, -27.4542, -61.1164
Hunter-Lab	65.5946, -44.6227, 29.6352

Details

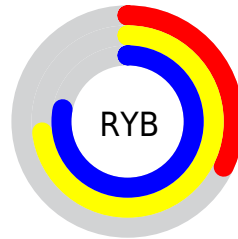
The Decimal color **5424736** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **12997304**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **9306005**, and **36654** is the 20% darker color. If you saturate the color by 10%, you get **4113999**, and if you desaturate by 10%, it is **6735473**.

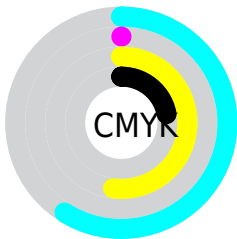
Distribution



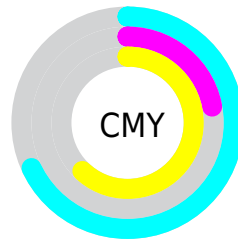
- Red (32%)
- Green (78%)
- Blue (38%)



- Red (32%)
- Yellow (73%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (52%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5424736 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 5424736 by changing the saturation by 10% instead.

 5424736

 5424736

16777215

 3254855

 9306005

 36654

 11206576

 29971

 13172684

 23296

 15138792

 16896

 11264

 2816

 0

 5424736

 5424736

4113999

6735473

2803261

8046211

1558060

9291412

247322

10602150

50712

11912887

13223624

14534362

15779563

16762621

Harmonies

Analogous

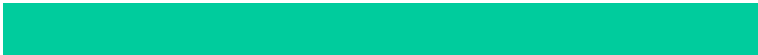
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10664496



5424736



52381

Triad

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



5424736



48127



16742788

Complementary

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



5424736



12997304

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.



16742081



5424736



9741823

Square

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



5424736



51455



15436795



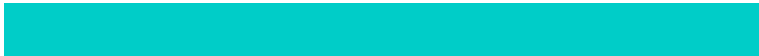
16748110

Rectangle

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



5424736



52680



15436795



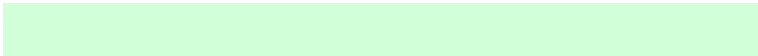
16741784

Sweetspot

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



5424736



13762519



12109394



6520935



0



8421504

Same Dimension

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



5424736



5111650



5424794



5923675



41748



9220

Inverse Universe

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



12997304



16731625



12997246



6511202



10682512



2359327

Previews

White Background



This preview shows how the Decimal color 5424736 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 5424736 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 5424736 Background



This preview shows how black text looks on a background with the Decimal color 5424736.



This preview shows how white text looks on a background with the Decimal color 5424736.

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](#).

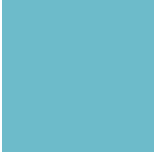
Dichromacy



Original Color
5424736

Protanopia
12627544

Deuteranopia
13870696



Tritanopia
7191498

Trichromacy



Original Color

5424736



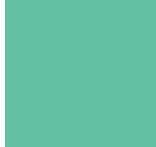
Protanomaly

10008411



Deuteranomaly

10793573



Tritanomaly

6537123

Monochromacy



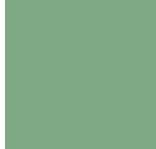
Original Color

5424736



Achromatopsia

10000536



Achromatomaly

8366468

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5424736 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 #52C660 looks like.

```
.text, #text, p{  
    color:#52C660  
}
```

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 #52C660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52C660
}
```

Border

The CSS property to change the border of an element to Decimal 5424736 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
#52C660 }
```

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

```
.border{ border-color:#52C660 }
```

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

Here you see how a box with a 4 pixel #52C660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52C660; -webkit-box-shadow:4px 4px  
4px 4px #52C660; box-shadow:4px 4px 4px  
4px #52C660 }
```

Background

The CSS property to change the background color of an element to Decimal 5424736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52C660 }
```

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

```
.background{ background-color:#52C660 }
```

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