

Converting Colors

Decimal(5427026)

Have a look what the booklet for
Decimal(5427026) contains.

Decimal(5427026)	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(5427026)

Conversions

Conversions Part 1

Format	Color
Hex	52CF52
RGB	82, 207, 82
RGB Percent	32%, 81%, 32%
CMY	0.6784, 0.1882, 0.6784
CMYK	0.60, 0.00, 0.60, 0.19
HSL	120°, 57%, 57%
HSV	120°, 60%, 81%
XYZ	27.3155, 47.0287, 15.6204
YIQ	155.3750, -34.3750, -65.3750

Conversions

Conversions Part 2

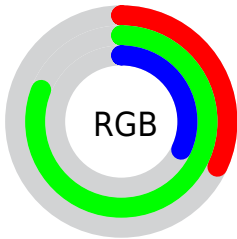
Format	Color
RYB	82, 207, 207
Decimal	5427026
CIELab	74.21, -58.87, 50.83
CIELCh	74, 77.779, 139.190
Yxy	47.0287, 0.3036, 0.5227
Android (android.graphics.Color)	4283617106 (0xFF52CF52)
YUV	155.3750, -36.1739, -64.3499
Hunter-Lab	68.5775, -48.9112, 34.4993

Details

The Decimal color **5427026** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **13587151**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9437063**, and **38683** is the 20% darker color. If you saturate the color by 10%, you get **4050749**, and if you desaturate by 10%, it is **6803303**.

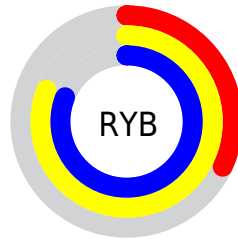
Distribution



Red (32%)

Green (81%)

Blue (32%)



Red (32%)

Yellow (81%)

Blue (81%)

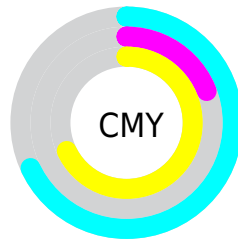


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (19%)



Cyan (68%)

Magenta (19%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5427026 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 5427026 by changing the saturation by 10% instead.

 5427026

 5427026

16777215

 3126071

 9437063

 38683

 11403171

 32000

 13369279

 25344

 15335387

 18688

 16777208

 13056

 5888

 0

 5427026

 5427026

■ 4050749

■ 6803303

■ 2740009

■ 8114043

■ 1363732

■ 9490320

■ 52992

■ 10866597

■ 12242874

■ 13553614

■ 14929891

■ 16306168

■ 16764927

Harmonies

Analogous

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



11452685



5427026



54937

Triad

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



5427026



50943



16741004

Complementary

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



5427026



13587151

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.



16741076



5427026



8433407

Square

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



5427026



54271



15896319



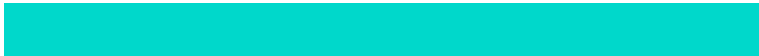
16747595

Rectangle

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



5427026



55499



15896319



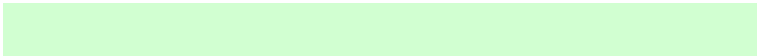
16740003

Sweetspot

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



5427026



13762513



13619026



6520931



0



8421504

Same Dimension

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



5427026



4718407



5427089



6187358



43008



10496

Inverse Universe

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



13587151



16730111



13587089



6905449



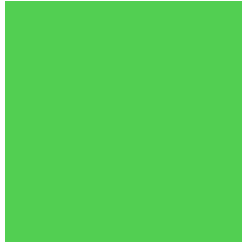
11010216



2687017

Previews

White Background



This preview shows how the Decimal color 5427026 looks on a white background.

Color Contrast Check

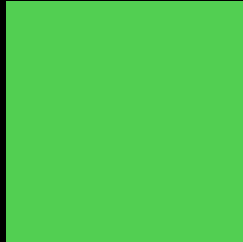
Large Text (above 18pt) WCAG AA × Fail

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 5427026 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 5427026 Background



This preview shows how black text looks on a background with the Decimal color 5427026.

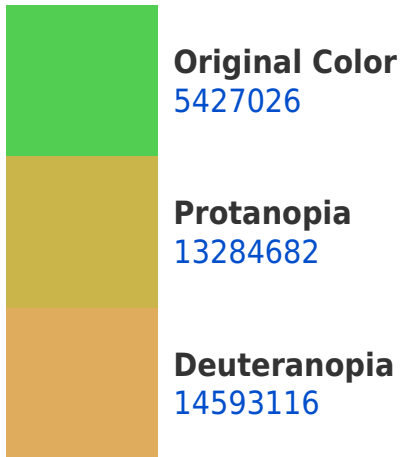


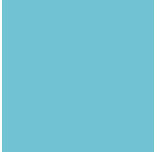
This preview shows how white text looks on a background with the Decimal color 5427026.

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
7455442

Trichromacy



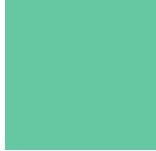
Original Color
5427026



Protanomaly
10403405



Deuteranomaly
11254104

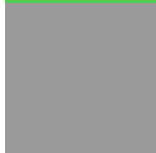


Tritanomaly
6735779

Monochromacy



Original Color
5427026



Achromatopsia
10197915



Achromatomaly
8433280

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5427026 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 #52CF52 looks like.

```
.text, #text, p{  
    color:#52CF52  
}
```

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 #52CF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52CF52
}
```

Border

The CSS property to change the border of an element to Decimal 5427026 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
#52CF52 }
```

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

```
.border{ border-color:#52CF52 }
```

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

Here you see how a box with a 4 pixel #52CF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52CF52; -webkit-box-shadow:4px 4px  
4px 4px #52CF52; box-shadow:4px 4px 4px  
4px #52CF52 }
```

Background

The CSS property to change the background color of an element to Decimal 5427026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52CF52 }
```

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

```
.background{ background-color:#52CF52 }
```

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