

Converting Colors

Decimal(5426227)

Have a look what the booklet for
Decimal(5426227) contains.

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Color

Decimal(5426227)

Conversions

Conversions Part 1

Format	Color
Hex	52CC33
RGB	82, 204, 51
RGB Percent	32%, 80%, 20%
CMY	0.6784, 0.2000, 0.8000
CMYK	0.60, 0.00, 0.75, 0.20
HSL	108°, 60%, 50%
HSV	108°, 75%, 80%
XYZ	25.6701, 45.2186, 10.5071
YIQ	150.0800, -23.5990, -73.4470

Conversions

Conversions Part 2

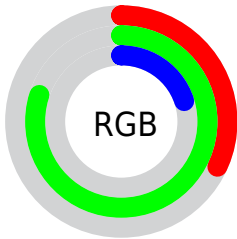
Format	Color
RYB	51, 204, 173
Decimal	5426227
CIELab	73.04, -60.58, 61.77
CIELCh	73, 86.520, 134.440
Yxy	45.2186, 0.3154, 0.5555
Android (android.graphics.Color)	4283616307 (0xFF52CC33)
YUV	150.0800, -48.8464, -59.7062
Hunter-Lab	67.2448, -49.5376, 37.8072

Details

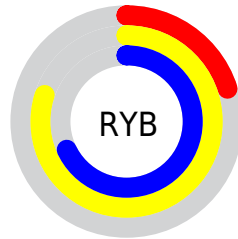
The Decimal color **5426227** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **11350988**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9502572**, and **38144** is the 20% darker color. If you saturate the color by 10%, you get **4377631**, and if you desaturate by 10%, it is **6474823**.

Distribution



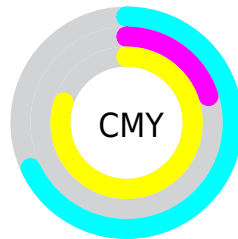
- Red (32%)
- Green (80%)
- Blue (20%)



- Red (20%)
- Yellow (80%)
- Blue (68%)



- Cyan (60%)
- Magenta (0%)
- Yellow (75%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5426227 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 5426227 by changing the saturation by 10% instead.

 5426227

 5426227

16777215

 3059726

 9502572

 38144

 11468679

 31232

 13434787

 24576

 15400896

 18176

 16777181

 12288

 16777210

 4864

 0

 5426227

 5426227

■ 4377631

■ 6474823

■ 3263498

■ 7588956

■ 2739200

■ 8637552

■ 9686149

■ 10734745

■ 11848877

■ 12897474

■ 13946070

■ 14994667

Harmonies

Analogous

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



11779072



5426227



54406

Triad

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



5426227



51455



16735377

Complementary

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



5426227



11350988

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.



16737504



5426227



3715327

Square

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



5426227



54527



15109119



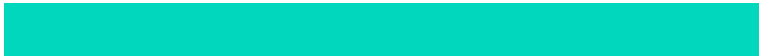
16743494

Rectangle

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



5426227



55229



15109119



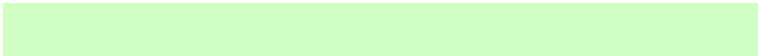
16734635

Sweetspot

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



5426227



13696964



13413171



6520924



0



8421504

Same Dimension

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



5426227



4783897



3394654



6186588



2270720



534016

Inverse Universe

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



11350988



13703679



13382561



6577254



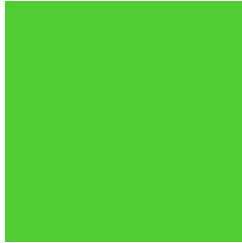
8650918



2031654

Previews

White Background



This preview shows how the Decimal color 5426227 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 5426227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

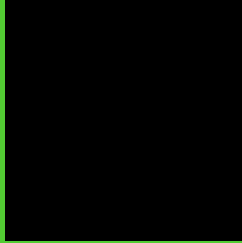
Any Text WCAG AA ✓ Pass

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 5426227 Background



This preview shows how black text looks on a background with the Decimal color 5426227.

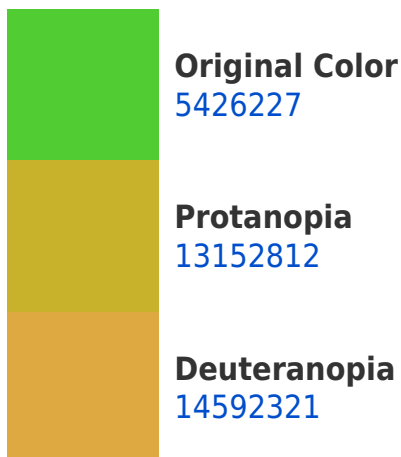


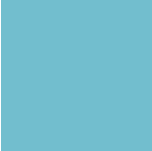
This preview shows how white text looks on a background with the Decimal color 5426227.

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
7519950

Trichromacy



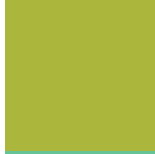
Original Color

5426227



Protanomaly

10337071



Deuteranomaly

11253308



Tritanomaly

6734742

Monochromacy



Original Color

5426227



Achromatopsia

9868950



Achromatomaly

8235634

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5426227 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 #52CC33 looks like.

```
.text, #text, p{  
    color:#52CC33  
}
```

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 #52CC33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52CC33
}
```

Border

The CSS property to change the border of an element to Decimal 5426227 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
#52CC33 }
```

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

```
.border{ border-color:#52CC33 }
```

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

Here you see how a box with a 4 pixel #52CC33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52CC33; -webkit-box-shadow:4px 4px  
4px 4px #52CC33; box-shadow:4px 4px 4px  
4px #52CC33 }
```

Background

The CSS property to change the background color of an element to Decimal 5426227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52CC33 }
```

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

```
.background{ background-color:#52CC33 }
```

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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