

Converting Colors

Decimal(5688166)

Have a look what the booklet for
Decimal(5688166) contains.

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Color

Decimal(5688166)

Conversions

Conversions Part 1

Format	Color
Hex	56CB66
RGB	86, 203, 102
RGB Percent	34%, 80%, 40%
CMY	0.6627, 0.2039, 0.6000
CMYK	0.58, 0.00, 0.50, 0.20
HSL	128°, 53%, 57%
HSV	128°, 58%, 80%
XYZ	27.5920, 45.6496, 19.9274
YIQ	156.5030, -37.3110, -56.2150

Conversions

Conversions Part 2

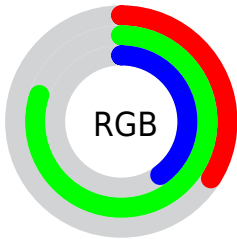
Format	Color
RYB	86, 189, 203
Decimal	5688166
CIELab	73.32, -53.92, 40.44
CIELCh	73, 67.403, 143.128
Yxy	45.6496, 0.2961, 0.4900
Android (android.graphics.Color)	4283878246 (0xFF56CB66)
YUV	156.5030, -26.8700, -61.8311
Hunter-Lab	67.5645, -45.3421, 29.8082

Details

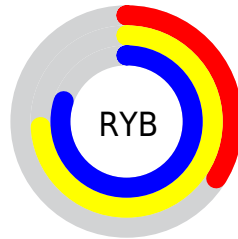
The Decimal color **5688166** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **13326011**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **9568155**, and **103476** is the 20% darker color. If you saturate the color by 10%, you get **4377428**, and if you desaturate by 10%, it is **6998904**.

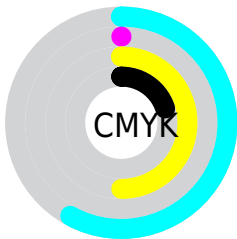
Distribution



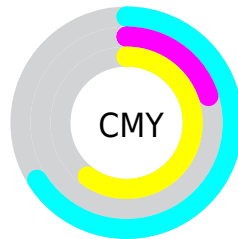
- Red (34%)
- Green (80%)
- Blue (40%)



- Red (34%)
- Yellow (74%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (66%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5688166 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 5688166 by changing the saturation by 10% instead.

 5688166

 5688166

16777215

 3583821

 9568155

 103476

 11468726

 31002

 13434834

 24320

 15400943

 17920

 12288

 5120

 0

 5688166

 5688166

■ 4377428

■ 6998904

■ 3001155

■ 8375177

■ 1690417

■ 9685915

■ 379680

■ 10996652

■ 51996

■ 12372926

■ 13683663

■ 14994401

■ 16305138

■ 16763903

Harmonies

Analogous

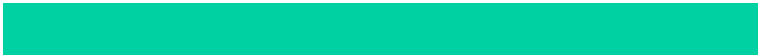
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10927927



5688166



53667

Triad

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



5688166



49151



16744071

Complementary

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



5688166



13326011

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.



16743621



5688166



10267391

Square

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



5688166



52479



15831039



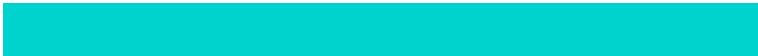
16749650

Rectangle

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



5688166



53966



15831039



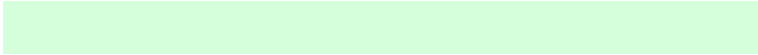
16743323

Sweetspot

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



5688166



13959130



12307286



6717545



0



8421504

Same Dimension

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



5688166



5242727



5688224



6055517



42519



9733

Inverse Universe

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



13326011



16732135



13325953



6708325



10879119



2490401

Previews

White Background



This preview shows how the Decimal color 5688166 looks on a white background.

Color Contrast Check

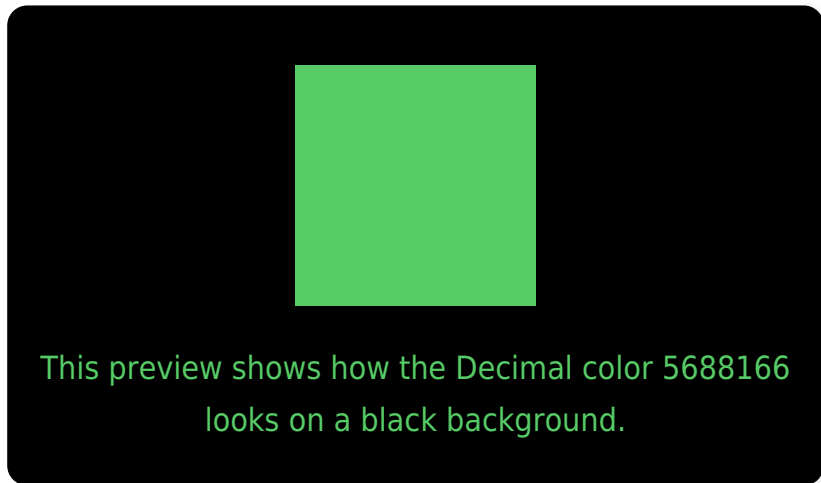
Large Text (above 18pt) WCAG AA × Fail

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

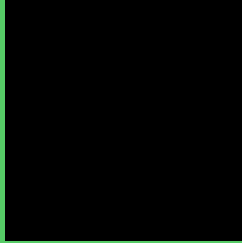
Any Text WCAG AA ✓ Pass

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 5688166 Background



This preview shows how black text looks on a background with the Decimal color 5688166.

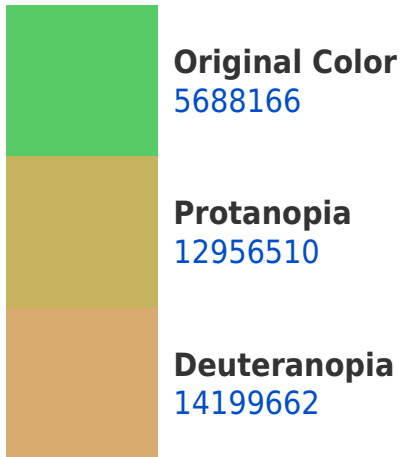


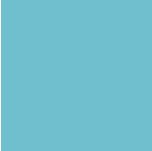
This preview shows how white text looks on a background with the Decimal color 5688166.

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](#).

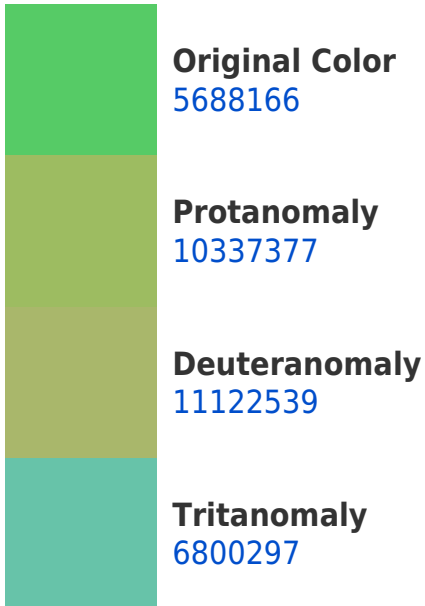
Dichromacy





Tritanopia
7389135

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5688166 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 #56CB66 looks like.

```
.text, #text, p{  
    color:#56CB66  
}
```

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 #56CB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56CB66
}
```

Border

The CSS property to change the border of an element to Decimal 5688166 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
#56CB66 }
```

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

```
.border{ border-color:#56CB66 }
```

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

Here you see how a box with a 4 pixel #56CB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56CB66; -webkit-box-shadow:4px 4px  
4px 4px #56CB66; box-shadow:4px 4px 4px  
4px #56CB66 }
```

Background

The CSS property to change the background color of an element to Decimal 5688166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56CB66 }
```

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

```
.background{ background-color:#56CB66 }
```

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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