

Converting Colors

Decimal(5683496)

Have a look what the booklet for
Decimal(5683496) contains.

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Color

Decimal(5683496)

Conversions

Conversions Part 1

Format	Color
Hex	56B928
RGB	86, 185, 40
RGB Percent	34%, 73%, 16%
CMY	0.6627, 0.2745, 0.8431
CMYK	0.54, 0.00, 0.78, 0.27
HSL	101°, 64%, 44%
HSV	101°, 78%, 73%
XYZ	21.5697, 36.8296, 7.9795
YIQ	138.8690, -12.4590, -66.0830

Conversions

Conversions Part 2

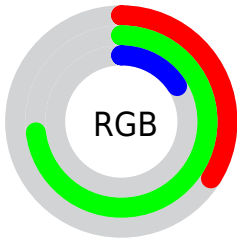
Format	Color
RYB	40, 185, 139
Decimal	5683496
CIELab	67.15, -53.42, 59.66
CIELCh	67, 80.085, 131.839
Yxy	36.8296, 0.3249, 0.5548
Android (android.graphics.Color)	4283873576 (0xFF56B928)
YUV	138.8690, -48.7424, -46.3661
Hunter-Lab	60.6874, -42.7598, 34.6854

Details

The Decimal color **5683496** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9119929**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9564769**, and **426752** is the 20% darker color. If you saturate the color by 10%, you get **4831510**, and if you desaturate by 10%, it is **6535483**.

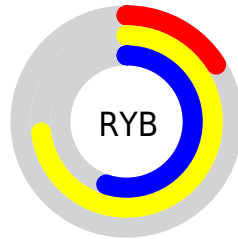
Distribution



Red (34%)

Green (73%)

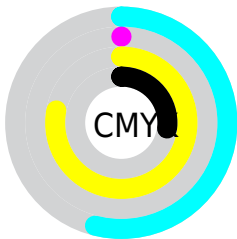
Blue (16%)



Red (16%)

Yellow (73%)

Blue (55%)

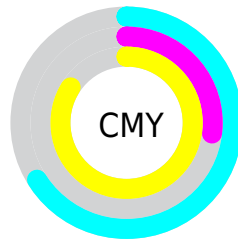


Cyan (54%)

Magenta (0%)

Yellow (78%)

Black (27%)



Cyan (66%)

Magenta (27%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5683496 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 5683496 by changing the saturation by 10% instead.

 5683496

 5683496

16777215

 3579392

 9564769

 426752

 11468668

 26880

 13369240

 20480

 15335348

 14336

 16777169

 8448

 16777198

 0

 5683496

 5683496

 4831510

 6535483

■ 4045059

■ 7321933

■ 3913984

■ 8173920

■ 9025906

■ 9812357

■ 10664343

■ 11450794

■ 12302780

■ 13154767

Harmonies

Analogous

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



11184384



5683496



49524

Triad

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



5683496



47359



16733322

Complementary

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



5683496



9119929

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.



16736210



5683496



41983

Square

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



5683496



49919



13206271



16739910

Rectangle

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



5683496



50342



13206271



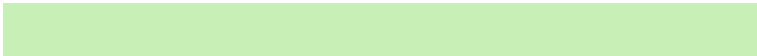
16733090

Sweetspot

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



5683496



13168822



12159272



6322261



16250871



7895160

Same Dimension

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



5683496



5697550



2668864



5659731



3251200



596992

Inverse Universe

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



9119929



11013872



12134561



5854044



6946972



1245212

Previews

White Background



This preview shows how the Decimal color 5683496 looks on a white background.

Color Contrast Check

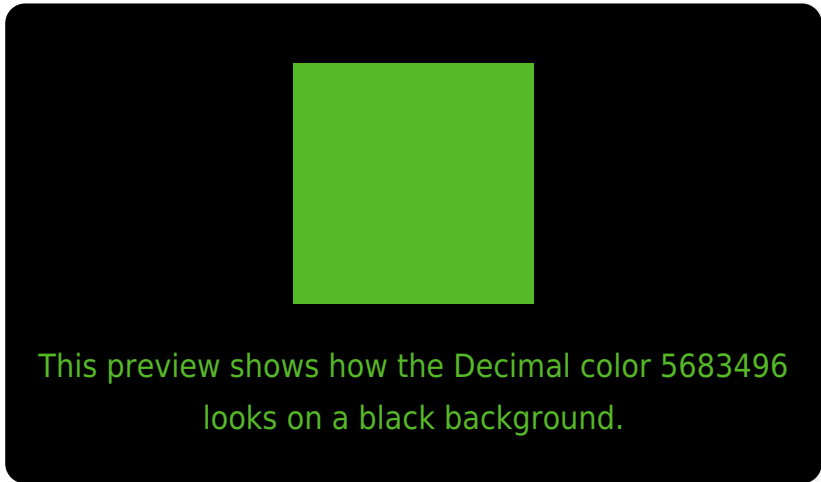
Large Text (above 18pt) WCAG AA × Fail

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 5683496 Background



This preview shows how black text looks on a background with the Decimal color 5683496.



This preview shows how white text looks on a background with the Decimal color 5683496.

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
7384250

Trichromacy



Original Color
5683496



Protanomaly
9743140



Deuteranomaly
10528049



Tritanomaly
6795653

Monochromacy



Original Color
5683496



Achromatopsia
9145227



Achromatomaly
7904359

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5683496 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 #56B928 looks like.

```
.text, #text, p{  
    color:#56B928  
}
```

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 #56B928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B928
}
```

Border

The CSS property to change the border of an element to Decimal 5683496 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
#56B928 }
```

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

```
.border{ border-color:#56B928 }
```

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

Here you see how a box with a 4 pixel #56B928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B928; -webkit-box-shadow:4px 4px  
4px 4px #56B928; box-shadow:4px 4px 4px  
4px #56B928 }
```

Background

The CSS property to change the background color of an element to Decimal 5683496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B928 }
```

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

```
.background{ background-color:#56B928 }
```

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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