

Converting Colors

Decimal(5682017)

Have a look what the booklet for
Decimal(5682017) contains.

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Color

Decimal(5682017)

Conversions

Conversions Part 1

Format	Color
Hex	56B361
RGB	86, 179, 97
RGB Percent	34%, 70%, 38%
CMY	0.6627, 0.2980, 0.6196
CMYK	0.52, 0.00, 0.46, 0.30
HSL	127°, 38%, 52%
HSV	127°, 52%, 70%
XYZ	22.1155, 35.0817, 16.9151
YIQ	141.8450, -29.1060, -45.2180

Conversions

Conversions Part 2

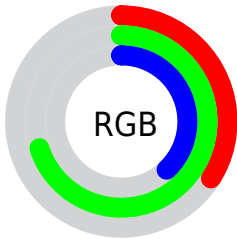
Format	Color
RYB	86, 169, 179
Decimal	5682017
CIELab	65.81, -45.11, 33.54
CIElCh	66, 56.211, 143.366
Yxy	35.0817, 0.2984, 0.4734
Android (android.graphics.Color)	4283872097 (0xFF56B361)
YUV	141.8450, -22.1086, -48.9761
Hunter-Lab	59.2298, -37.0029, 24.5286

Details

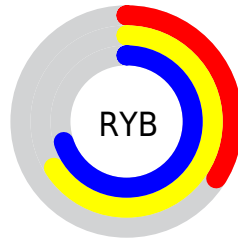
The Decimal color **5682017** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11753128**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9366421**, and **1473840** is the 20% darker color. If you saturate the color by 10%, you get **4502353**, and if you desaturate by 10%, it is **6861681**.

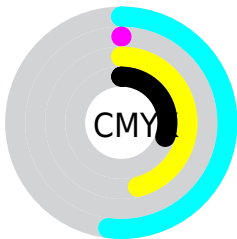
Distribution



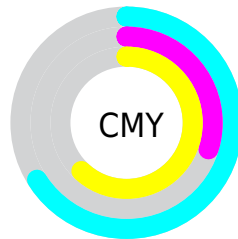
- Red (34%)
- Green (70%)
- Blue (38%)



- Red (34%)
- Yellow (66%)
- Blue (70%)



- Cyan (52%)
- Magenta (0%)
- Yellow (46%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5682017 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 5682017 by changing the saturation by 10% instead.

■ 5682017

■ 5682017

16777215

■ 3774536

■ 9366421

■ 1473840

■ 11206576

■ 25624

■ 13107148

■ 19200

■ 15007720

■ 13056

■ 7424

■ 0

■ 5682017

■ 5682017

■ 4502353

■ 6861681

■ 3322689

■ 8041345

■ 2143026

■ 9221008

■ 963362

■ 10400672

■ 45845

■ 11580336

■ 12694464

■ 13874127

■ 15053791

■ 16233455

Harmonies

Analogous

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



9808189



5682017



47251

Triad

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



5682017



43519



16545403

Complementary

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



5682017



11753128

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.



16151725



5682017



9410557

Square

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



5682017



46320



13861597



15369808

Rectangle

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



5682017



47542



13861597



16610187

Sweetspot

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



5682017



12839111



11055958



6255970



16119285



7697781

Same Dimension

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



5682017



5826665



5682063



5265745



39186



6659

Inverse Universe

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



11753128



15227095



11753082



5853272



10027143



1703958

Previews

White Background



This preview shows how the Decimal color 5682017 looks on a white background.

Color Contrast Check

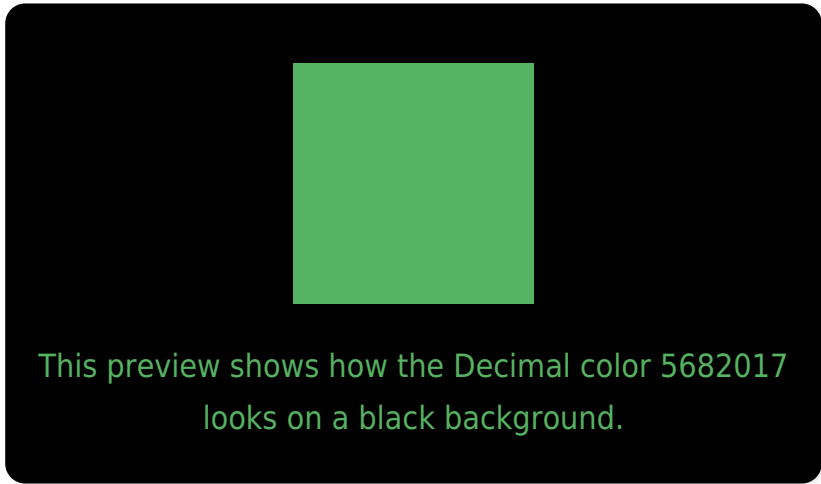
Large Text (above 18pt) WCAG AA × Fail

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

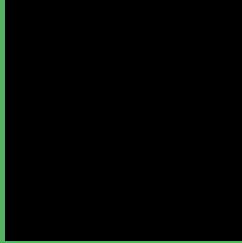
Any Text WCAG AA ✓ Pass

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 5682017 Background



This preview shows how black text looks on a background with the Decimal color 5682017.



This preview shows how white text looks on a background with the Decimal color 5682017.

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



Trichromacy



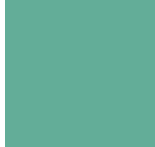
Original Color
5682017



Protanomaly
9348701



Deuteranomaly
10068581



Tritanomaly
6532504

Monochromacy



Original Color
5682017



Achromatopsia
9342606



Achromatomaly
8035198

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5682017 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 #56B361 looks like.

```
.text, #text, p{  
    color:#56B361  
}
```

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 #56B361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B361
}
```

Border

The CSS property to change the border of an element to Decimal 5682017 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
#56B361 }
```

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

```
.border{ border-color:#56B361 }
```

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

Here you see how a box with a 4 pixel #56B361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B361; -webkit-box-shadow:4px 4px  
4px 4px #56B361; box-shadow:4px 4px 4px  
4px #56B361 }
```

Background

The CSS property to change the background color of an element to Decimal 5682017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B361 }
```

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

```
.background{ background-color:#56B361 }
```

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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