

Converting Colors

Decimal(5682021)

Have a look what the booklet for
Decimal(5682021) contains.

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Color

Decimal(5682021)

Conversions

Conversions Part 1

Format	Color
Hex	56B365
RGB	86, 179, 101
RGB Percent	34%, 70%, 40%
CMY	0.6627, 0.2980, 0.6039
CMYK	0.52, 0.00, 0.44, 0.30
HSL	130°, 38%, 52%
HSV	130°, 52%, 70%
XYZ	22.3068, 35.1582, 17.9224
YIQ	142.3010, -30.3900, -43.9740

Conversions

Conversions Part 2

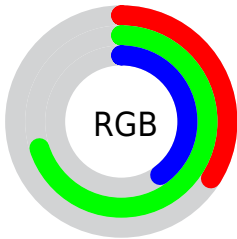
Format	Color
RYB	86, 166, 179
Decimal	5682021
CIELab	65.87, -44.48, 31.55
CIELCh	66, 54.533, 144.651
Yxy	35.1582, 0.2959, 0.4664
Android (android.graphics.Color)	4283872101 (0xFF56B365)
YUV	142.3010, -20.3614, -49.3760
Hunter-Lab	59.2944, -36.6126, 23.5849

Details

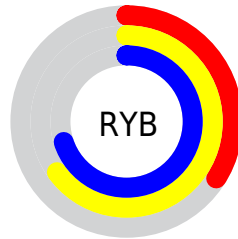
The Decimal color **5682021** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11753124**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9366425**, and **1539380** is the 20% darker color. If you saturate the color by 10%, you get **4502358**, and if you desaturate by 10%, it is **6861684**.

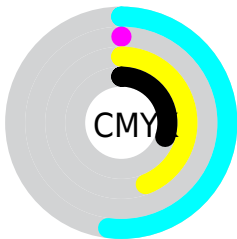
Distribution



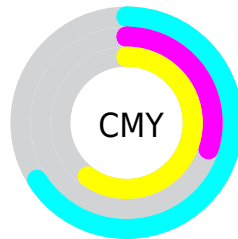
- Red (34%)
- Green (70%)
- Blue (40%)



- Red (34%)
- Yellow (65%)
- Blue (70%)



- Cyan (52%)
- Magenta (0%)
- Yellow (44%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5682021 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 5682021 by changing the saturation by 10% instead.



5682021



5682021

16777215



3774540



9366425



1539380



11206580



25629



13107152



19204



15007724



13056



7424



0



5682021



5682021



4502358



6861684

 3322695

 8041347

 2143032

 9221010

 963369

 10400673

 45853

 11580336

 12694463

 13874126

 15053789

 16233452

Harmonies

Analogous

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



9742658



5682021



47253

Triad

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



5682021



43263



16414842

Complementary

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



5682021



11753124

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.



16086699



5682021



9738233

Square

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



5682021



46063



13927385



15173713

Rectangle

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



5682021



47287



13927385



16479626

Sweetspot

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



5682021



12839113



10859350



6255971



16119285



7697781

Same Dimension

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



5682021



5826671



5682066



5265746



39193



6660

Inverse Universe

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



11753124



15227089



11753079



5853272



10027136



1703957

Previews

White Background



This preview shows how the Decimal color 5682021 looks on a white background.

Color Contrast Check

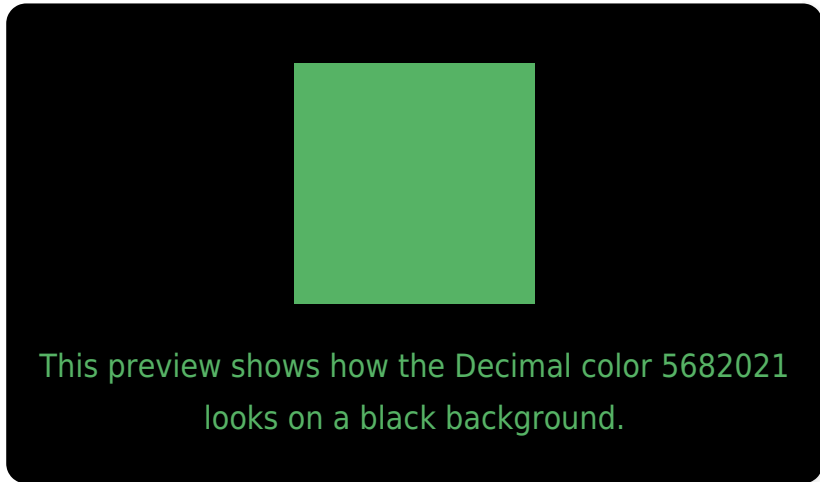
Large Text (above 18pt) WCAG AA × Fail

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 5682021 Background



This preview shows how black text looks on a background with the Decimal color 5682021.




This preview shows how white text looks on a background with the Decimal color 5682021.

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](#).

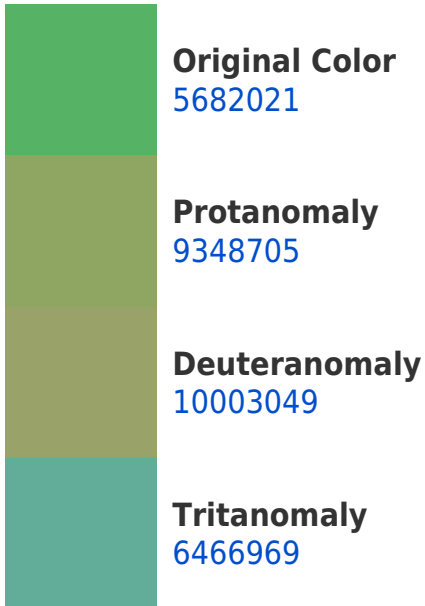
Dichromacy





Tritanopia
6924983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5682021 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 #56B365 looks like.

```
.text, #text, p{  
    color:#56B365  
}
```

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 #56B365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B365
}
```

Border

The CSS property to change the border of an element to Decimal 5682021 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
#56B365 }
```

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

```
.border{ border-color:#56B365 }
```

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

Here you see how a box with a 4 pixel #56B365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B365; -webkit-box-shadow:4px 4px  
4px 4px #56B365; box-shadow:4px 4px 4px  
4px #56B365 }
```

Background

The CSS property to change the background color of an element to Decimal 5682021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B365 }
```

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

```
.background{ background-color:#56B365 }
```

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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