

Converting Colors

Decimal(5681490)

Have a look what the booklet for
Decimal(5681490) contains.

Decimal(5681490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5681490)

Conversions

Conversions Part 1

Format	Color
Hex	56B152
RGB	86, 177, 82
RGB Percent	34%, 69%, 32%
CMY	0.6627, 0.3059, 0.6784
CMYK	0.51, 0.00, 0.54, 0.31
HSL	117°, 38%, 51%
HSV	117°, 54%, 69%
XYZ	21.0829, 34.0319, 13.4403
YIQ	138.9610, -23.7410, -48.8370

Conversions

Conversions Part 2

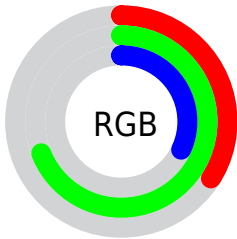
Format	Color
RYB	82, 177, 173
Decimal	5681490
CIELab	64.99, -46.42, 40.05
CIELCh	65, 61.309, 139.210
Yxy	34.0319, 0.3075, 0.4964
Android (android.graphics.Color)	4283871570 (0xFF56B152)
YUV	138.9610, -28.0818, -46.4468
Hunter-Lab	58.3369, -37.5798, 27.1759

Details

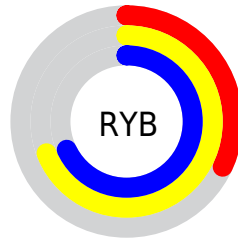
The Decimal color **5681490** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11358897**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9365894**, and **1473312** is the 20% darker color. If you saturate the color by 10%, you get **4567360**, and if you desaturate by 10%, it is **6795620**.

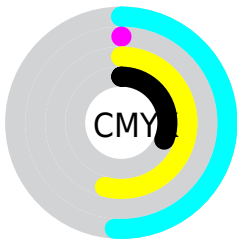
Distribution



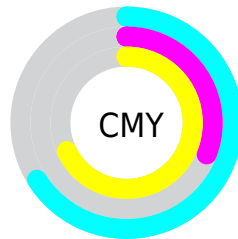
- Red (34%)
- Green (69%)
- Blue (32%)



- Red (32%)
- Yellow (69%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (54%)
- Black (31%)



- Cyan (66%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5681490 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 5681490 by changing the saturation by 10% instead.

 5681490

 5681490

16777215

 3774009

 9365894

 1473312

 11272096

 25090

 13107132

 18688

 15073240

 12800

 16777205

 6656

 0

 5681490

 5681490

 4567360

 6795620

■ 3453231

■ 7909749

■ 2339101

■ 9023879

■ 1224971

■ 10138009

■ 504064

■ 11252139

■ 12366268

■ 13480398

■ 14594528

■ 15708657

Harmonies

Analogous

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



10069547



5681490



46983

Triad

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



5681490



43775



16739453

Complementary

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



5681490



11358897

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.



16215476



5681490



8034303

Square

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



5681490



46320



13467878



15760972

Rectangle

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



5681490



47278



13467878



16738959

Sweetspot

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



5681490



12773057



11643986



6189917



15921906



7566195

Same Dimension

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



5681490



5891667



5419389



5331280



432384



72192

Inverse Universe

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



11358897



14636006



11620998



5853273



9633945



1572890

Previews

White Background



This preview shows how the Decimal color 5681490 looks on a white background.

Color Contrast Check

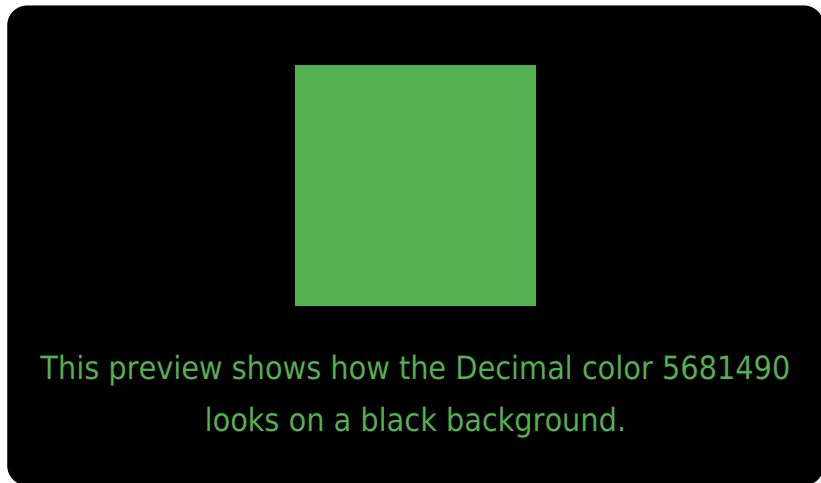
Large Text (above 18pt) WCAG AA × Fail

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 5681490 Background



This preview shows how black text looks on a background with the Decimal color 5681490.

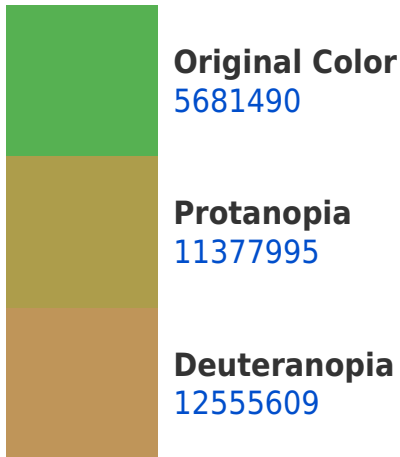


This preview shows how white text looks on a background with the Decimal color 5681490.

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



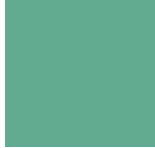
Original Color
5681490



Protanomaly
9282638



Deuteranomaly
10067798



Tritanomaly
6531984

Monochromacy



Original Color
5681490



Achromatopsia
9145227



Achromatomaly
7903606

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5681490 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 #56B152 looks like.

```
.text, #text, p{  
    color:#56B152  
}
```

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 #56B152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B152
}
```

Border

The CSS property to change the border of an element to Decimal 5681490 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
#56B152 }
```

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

```
.border{ border-color:#56B152 }
```

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

Here you see how a box with a 4 pixel #56B152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B152; -webkit-box-shadow:4px 4px  
4px 4px #56B152; box-shadow:4px 4px 4px  
4px #56B152 }
```

Background

The CSS property to change the background color of an element to Decimal 5681490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B152 }
```

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

```
.background{ background-color:#56B152 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor