

Converting Colors

Decimal(5866055)

Have a look what the booklet for
Decimal(5866055) contains.

Decimal(5866055)	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(5866055)

Conversions

Conversions Part 1

Format	Color
Hex	598247
RGB	89, 130, 71
RGB Percent	35%, 51%, 28%
CMY	0.6510, 0.4902, 0.7216
CMYK	0.32, 0.00, 0.45, 0.49
HSL	102°, 29%, 39%
HSV	102°, 45%, 51%
XYZ	13.2398, 18.5440, 8.8428
YIQ	111.0150, -5.4970, -27.0410

Conversions

Conversions Part 2

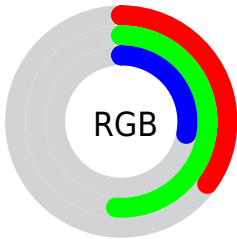
Format	Color
RYB	71, 130, 112
Decimal	5866055
CIELab	50.15, -25.94, 27.44
CIElCh	50, 37.758, 133.388
Yxy	18.5440, 0.3259, 0.4565
Android (android.graphics.Color)	4284056135 (0xFF598247)
YUV	111.0150, -19.7274, -19.3072
Hunter-Lab	43.0628, -20.4795, 17.9690

Details

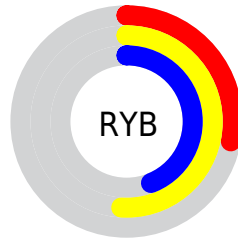
The Decimal color **5866055** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7358338**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **9287544**, and **2641945** is the 20% darker color. If you saturate the color by 10%, you get **5276218**, and if you desaturate by 10%, it is **6455892**.

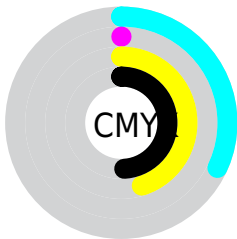
Distribution



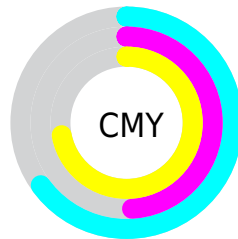
- Red (35%)
- Green (51%)
- Blue (28%)



- Red (28%)
- Yellow (51%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (49%)



- Cyan (65%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5866055 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 5866055 by changing the saturation by 10% instead.

■ 5866055

■ 5866055

16777215

■ 4221232

■ 9287544

■ 2641945

■ 11064210

■ 997632

■ 12840877

■ 9216

■ 14745545

■ 256

■ 16646117

■ 0

■ 5866055

■ 5866055

■ 5276218

■ 6455892

■ 4686381

■ 7045729

■ 4096544

■ 7635566

■ 3506707

■ 8225403

■ 2916870

■ 8815240

■ 2654720

■ 9405077

■ 9994914

■ 10584751

■ 11174588

Harmonies

Analogous

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



8223287



5866055



2590564

Triad

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



5866055



32948



11820394

Complementary

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



5866055



7358338

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.



11165578



5866055



6059702

Square

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



5866055



34467



9267622



11428941

Rectangle

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



5866055



34938



9267622



11754613

Sweetspot

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



5866055



10004625



8548167



4871238



13948116



5526612

Same Dimension

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



5866055



6924365



4686418



3883065



2588672



0

Inverse Universe

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



7358338



9260456



8537975



4077888



5832832



0

Previews

White Background



This preview shows how the Decimal color 5866055 looks on a white background.

Color Contrast Check

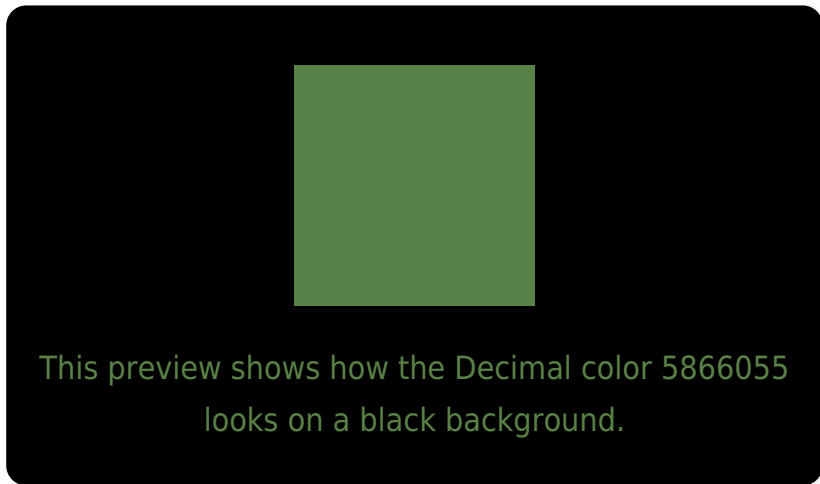
Large Text (above 18pt) WCAG AA ✓ Pass

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

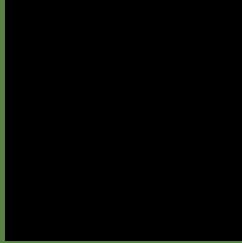
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5866055 Background



This preview shows how black text looks on a background with the Decimal color 5866055.



This preview shows how white text looks on a background with the Decimal color 5866055.

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



Original Color
5866055

Protanopia
8615747

Deuteranopia
9400907



Tritanopia
6519685

Trichromacy



Original Color
5866055

Protanomaly
7633732

Deuteranomaly
8091722

Tritanomaly
6258286

Monochromacy



Original Color
5866055

Achromatopsia
7303023

Achromatomaly
6780512

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5866055 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 #598247 looks like.

```
.text, #text, p{  
  color:#598247  
}
```

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 #598247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598247
}
```

Border

The CSS property to change the border of an element to Decimal 5866055 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
#598247 }
```

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

```
.border{ border-color:#598247 }
```

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

Here you see how a box with a 4 pixel #598247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598247; -webkit-box-shadow:4px 4px  
4px 4px #598247; box-shadow:4px 4px 4px  
4px #598247 }
```

Background

The CSS property to change the background color of an element to Decimal 5866055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598247 }
```

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

```
.background{ background-color:#598247 }
```

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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