

Converting Colors

Decimal(6866752)

Have a look what the booklet for
Decimal(6866752) contains.

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Color

Decimal(6866752)

Conversions

Conversions Part 1

Format	Color
Hex	68C740
RGB	104, 199, 64
RGB Percent	41%, 78%, 25%
CMY	0.5922, 0.2196, 0.7490
CMYK	0.48, 0.00, 0.68, 0.22
HSL	102°, 55%, 52%
HSV	102°, 68%, 78%
XYZ	27.0578, 44.1601, 11.9481
YIQ	155.2050, -13.2850, -62.1250

Conversions

Conversions Part 2

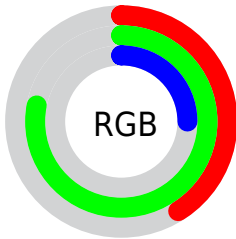
Format	Color
RYB	64, 199, 159
Decimal	6866752
CIELab	72.34, -51.84, 56.55
CIElCh	72, 76.715, 132.510
Yxy	44.1601, 0.3253, 0.5310
Android (android.graphics.Color)	4285056832 (0xFF68C740)
YUV	155.2050, -44.9641, -44.9068
Hunter-Lab	66.4530, -43.6128, 35.8569

Details

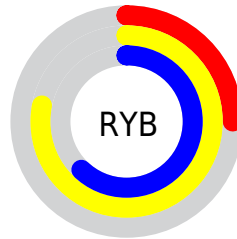
The Decimal color **6866752** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **10436807**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **10682230**, and **2723840** is the 20% darker color. If you saturate the color by 10%, you get **5949228**, and if you desaturate by 10%, it is **7784276**.

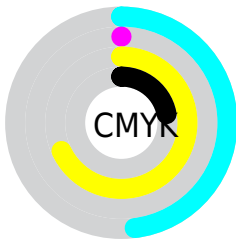
Distribution



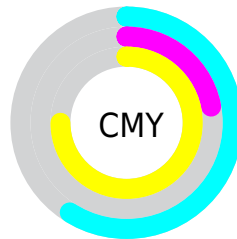
- Red (41%)
- Green (78%)
- Blue (25%)



- Red (25%)
- Yellow (78%)
- Blue (62%)



- Cyan (48%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6866752 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 6866752 by changing the saturation by 10% instead.

 6866752

 6866752

16777215

 4893475

 10682230

 2723840

 12582802

 30208

 14548909

 23552

 16515018

 17152

 16777191

 11776

 3840

 0

 6866752

 6866752

■ 5949228

■ 7784276

■ 5031704

■ 8701800

■ 4114180

■ 9619324

■ 3917568

■ 10536848

■ 11454372

■ 12371895

■ 13289419

■ 14206943

■ 15124467

Harmonies

Analogous

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



12105472



6866752



53125

Triad

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



6866752



50687



16738967

Complementary

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



6866752



10436807

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.



16741085



6866752



5026047

Square

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



6866752



53247



14324223



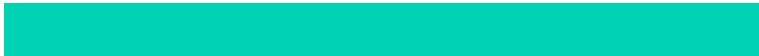
16744789

Rectangle

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



6866752



53941



14324223



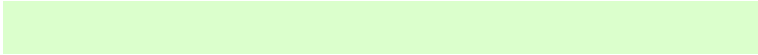
16738734

Sweetspot

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



6866752



14417868



13082432



6979681



0



8421504

Same Dimension

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



6866752



7274288



4245339



6054746



3187456



730112

Inverse Universe

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



10436807



12726527



13058220



6380131



7536803



1638436

Previews

White Background



This preview shows how the Decimal color 6866752 looks on a white background.

Color Contrast Check

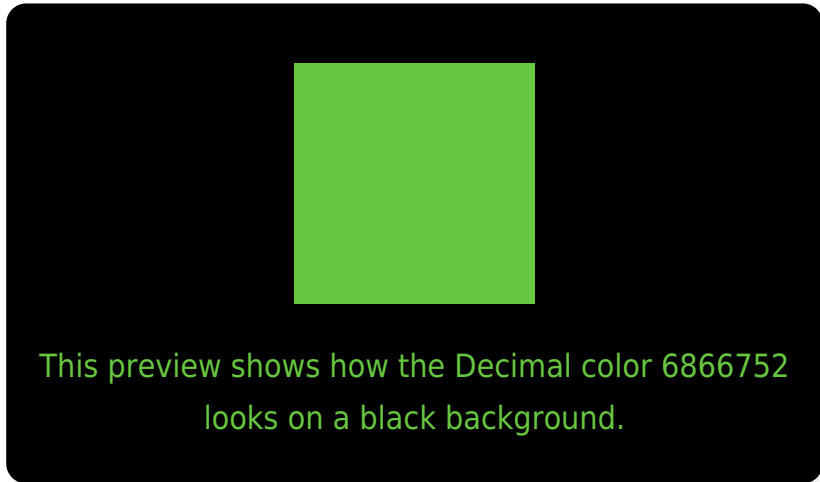
Large Text (above 18pt) WCAG AA × Fail

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

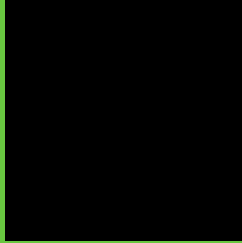
Any Text WCAG AA ✓ Pass

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 6866752 Background



This preview shows how black text looks on a background with the Decimal color 6866752.



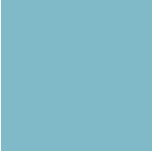
This preview shows how white text looks on a background with the Decimal color 6866752.

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
8436425

Trichromacy



Original Color

6866752



Protanomaly

10729788



Deuteranomaly

11645767



Tritanomaly

7847831

Monochromacy



Original Color

6866752



Achromatopsia

10197915



Achromatomaly

8956794

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6866752 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 #68C740 looks like.

```
.text, #text, p{  
    color:#68C740  
}
```

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 #68C740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C740
}
```

Border

The CSS property to change the border of an element to Decimal 6866752 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
#68C740 }
```

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

```
.border{ border-color:#68C740 }
```

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

Here you see how a box with a 4 pixel #68C740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C740; -webkit-box-shadow:4px 4px  
4px 4px #68C740; box-shadow:4px 4px 4px  
4px #68C740 }
```

Background

The CSS property to change the background color of an element to Decimal 6866752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C740 }
```

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

```
.background{ background-color:#68C740 }
```

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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