

# Converting Colors

Decimal(6855014)

Have a look what the booklet for  
Decimal(6855014) contains.

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# Color

**Decimal(6855014)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	689966
RGB	104, 153, 102
RGB Percent	41%, 60%, 40%
CMY	0.5922, 0.4000, 0.6000
CMYK	0.32, 0.00, 0.33, 0.40
HSL	118°, 20%, 50%
HSV	118°, 33%, 60%
XYZ	19.4984, 26.6848, 16.6934
YIQ	132.5350, -12.8330, -26.2490

# Conversions

## Conversions Part 2

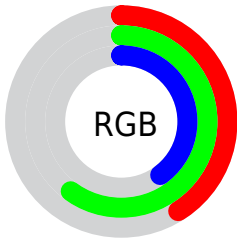
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 153, 151
Decimal	6855014
CIELab	58.68, -27.01, 21.72
CIElCh	59, 34.662, 141.203
Yxy	26.6848, 0.3101, 0.4244
Android (android.graphics.Color)	4285045094 (0xFF689966)
YUV	132.5350, -15.0538, -25.0252
Hunter-Lab	51.6574, -23.0243, 17.0002

# Details

The Decimal color **6855014** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9922201**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **10342553**, and **3565110** is the 20% darker color. If you saturate the color by 10%, you get **5871959**, and if you desaturate by 10%, it is **7838069**.

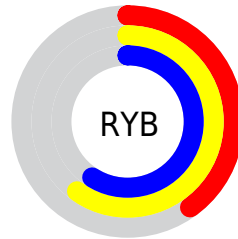
# Distribution



Red (41%)

Green (60%)

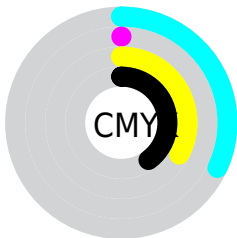
Blue (40%)



Red (40%)

Yellow (60%)

Blue (59%)

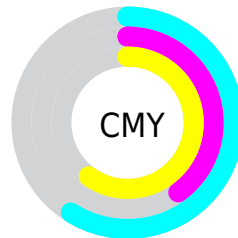


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6855014 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 6855014 by changing the saturation by 10% instead.





6855014



6855014

16777215



5209934



10342553



3565110



12119220



1920288



13959120



144906



15859692



8704



0



6855014



6855014



5871959



7838069



4954439



8755589

■ 3971384

■ 9738644

■ 2988329

■ 10721699

■ 2005274

■ 11704755

■ 1087754

■ 12622274

■ 432384

■ 13605329

■ 14588384

■ 15505904

# Harmonies

## Analogous

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



9146963



6855014



4103555

# Triad

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



6855014



5215177



13137529

# Complementary

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



6855014



9922201

# 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.



12744343



6855014



8620486

# Square

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



6855014



39612



11238836



12549727

# Rectangle

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



6855014



1613208



11238836



13137283



# Sweetspot

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



6855014



11847603



10065510



5792600



14935011



6513507



# Same Dimension

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



6855014



8046455



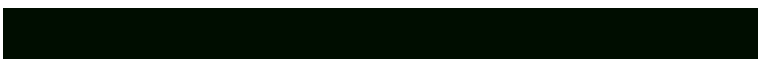
6723965



4541765



363520



3328



# Inverse Universe

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



9922201



12875719



10053250



4998477



8847500



786445



# Previews

## White Background



This preview shows how the Decimal color 6855014 looks on a white background.

## Color Contrast Check

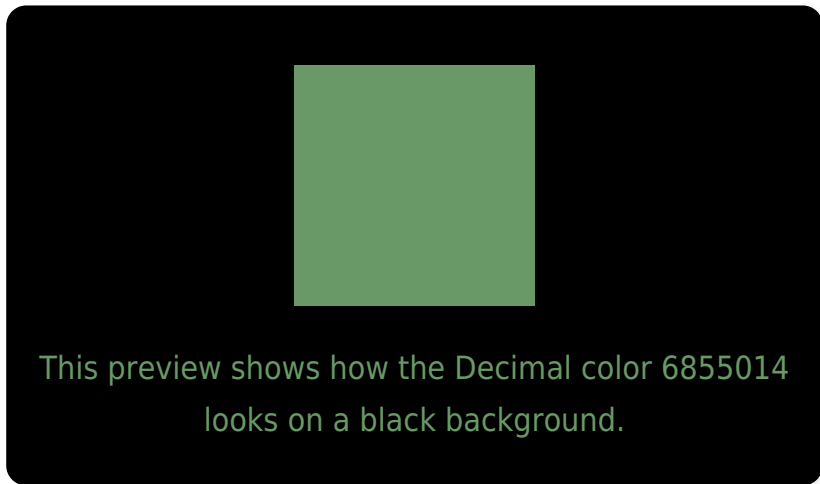
Large Text (above 18pt) WCAG AA ✓ Pass

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

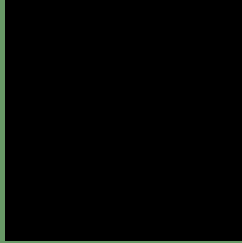
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6855014 Background



This preview shows how black text looks on a background with the Decimal color 6855014.




This preview shows how white text looks on a background with the Decimal color 6855014.

# 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**  
7508638

# Trichromacy



**Original Color**  
6855014

**Protanomaly**  
8884579

**Deuteranomaly**  
9408105

**Tritanomaly**  
7247242

# Monochromacy



**Original Color**  
6855014

**Achromatopsia**  
8750469

**Achromatomaly**  
8031354

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6855014 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 #689966 looks like.

```
.text, #text, p{  
  color:#689966  
}
```

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 #689966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689966
}
```

## Border

The CSS property to change the border of an element to Decimal 6855014 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
#689966 }
```

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

```
.border{ border-color:#689966 }
```

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

Here you see how a box with a 4 pixel #689966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689966; -webkit-box-shadow:4px 4px  
4px 4px #689966; box-shadow:4px 4px 4px  
4px #689966 }
```

# Background

The CSS property to change the background color of an element to Decimal 6855014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689966 }
```

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

```
.background{ background-color:#689966 }
```

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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