

# Converting Colors

Decimal(6855589)

Have a look what the booklet for  
Decimal(6855589) contains.

<b>Decimal(6855589)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6855589)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	689BA5
RGB	104, 155, 165
RGB Percent	41%, 61%, 65%
CMY	0.5922, 0.3922, 0.3529
CMYK	0.37, 0.06, 0.00, 0.35
HSL	190°, 25%, 53%
HSV	190°, 37%, 65%
XYZ	24.2218, 29.1024, 39.9380
YIQ	140.8910, -33.6060, -7.7020

# Conversions

## Conversions Part 2

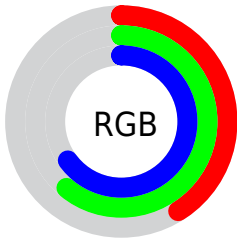
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 132, 165
Decimal	6855589
CIELab	60.87, -14.34, -10.63
CIElCh	61, 17.852, 216.536
Yxy	29.1024, 0.2597, 0.3120
Android (android.graphics.Color)	4285045669 (0xFF689BA5)
YUV	140.8910, 11.8857, -32.3534
Hunter-Lab	53.9466, -14.2608, -6.1312

# Details

The Decimal color **6855589** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10842728**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10343132**, and **3434609** is the 20% darker color. If you saturate the color by 10%, you get **5740709**, and if you desaturate by 10%, it is **7904933**.

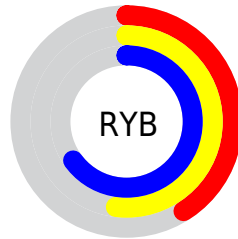
# Distribution



Red (41%)

Green (61%)

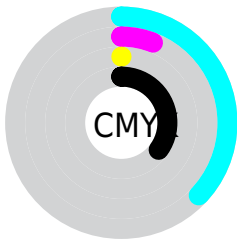
Blue (65%)



Red (41%)

Yellow (52%)

Blue (65%)

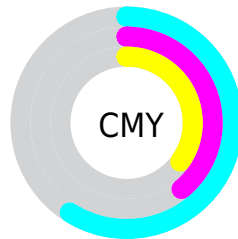


Cyan (37%)

Magenta (6%)

Yellow (0%)

Black (35%)



Cyan (59%)

Magenta (39%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6855589 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 6855589 by changing the saturation by 10% instead.



6855589

6855589

16777215

5144971

10343132

3434609

12185337

1658969

14024703

14657

15925247

9003

1815

0

6855589

6855589

5740709

7904933

■ 4691621

■ 9019557

■ 3642277

■ 10068901

■ 2527397

■ 11183781

■ 1478053

■ 12298661

■ 363429

■ 13347749

■ 35493

■ 14397093

■ 15511973

■ 16561061

# Harmonies

## Analogous

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



7052438



6855589



7510191

# Triad

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



6855589



11176352



10195828

# Complementary

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



6855589



10842728

# 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.



11177590



6855589



11765904

# Square

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



6855589



10129068



11700609



9083001

# Rectangle

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



6855589



8295858



11700609



10588532



# Sweetspot

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



6855589



12571350



6858097



6121835



15461355



7039851



# Same Dimension

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



6855589



7915478



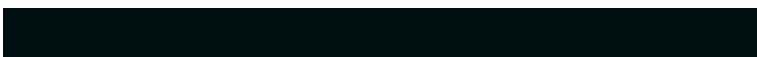
6847909



4804690



31377



3858



# Inverse Universe

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



10840219



14055623



10850408



5392720



9502842



1179663



# Previews

## White Background



This preview shows how the Decimal color 6855589 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



This preview shows how the Decimal color 6855589 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

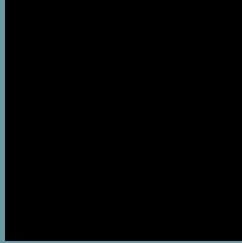
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6855589 Background



This preview shows how black text looks on a background with the Decimal color 6855589.

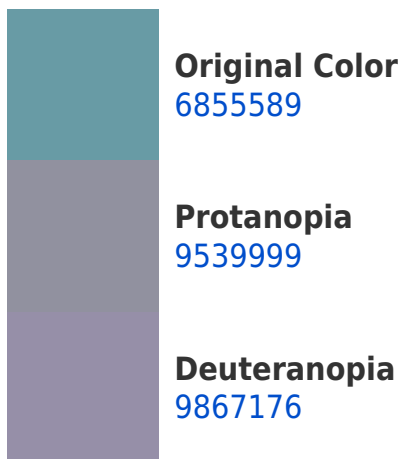


This preview shows how white text looks on a background with the Decimal color 6855589.

# 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**  
6921127

# Trichromacy



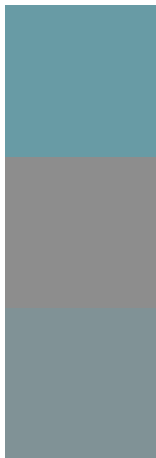
**Original Color**  
6855589

**Protanomaly**  
8557985

**Deuteranomaly**  
8754087

**Tritanomaly**  
6921126

# Monochromacy



**Original Color**  
6855589

**Achromatopsia**  
9276813

**Achromatomaly**  
8426134

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6855589 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 #689BA5 looks like.

```
.text, #text, p{  
    color:#689BA5  
}
```

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 #689BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689BA5
}
```

## Border

The CSS property to change the border of an element to Decimal 6855589 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
#689BA5 }
```

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

```
.border{ border-color:#689BA5 }
```

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

Here you see how a box with a 4 pixel #689BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689BA5; -webkit-box-shadow:4px 4px  
4px 4px #689BA5; box-shadow:4px 4px 4px  
4px #689BA5 }
```

# Background

The CSS property to change the background color of an element to Decimal 6855589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689BA5 }
```

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

```
.background{ background-color:#689BA5 }
```

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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