

# Converting Colors

Decimal(6856390)

Have a look what the booklet for  
Decimal(6856390) contains.

<b>Decimal(6856390)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6856390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	689EC6
RGB	104, 158, 198
RGB Percent	41%, 62%, 78%
CMY	0.5922, 0.3804, 0.2235
CMYK	0.47, 0.20, 0.00, 0.22
HSL	206°, 45%, 59%
HSV	206°, 47%, 78%
XYZ	28.1288, 31.4740, 58.0186
YIQ	146.4140, -45.0240, 0.9920

# Conversions

## Conversions Part 2

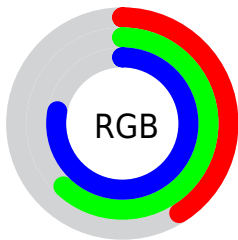
Format	Color
<a href="#">RYB</a>	<a href="#">104, 138, 198</a>
Decimal	<a href="#">6856390</a>
CIELab	<a href="#">62.91, -6.91, -26.10</a>
CIElCh	<a href="#">63, 26.998, 255.173</a>
Yxy	<a href="#">31.4740, 0.2391, 0.2676</a>
Android (android.graphics.Color)	<a href="#">4285046470 (0xFF689EC6)</a>
YUV	<a href="#">146.4140, 25.4319, -37.1971</a>
Hunter-Lab	<a href="#">56.1017, -8.6798, -22.0447</a>

# Details

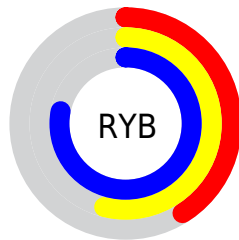
The Decimal color **6856390** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13013096**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **10540543**, and **3107728** is the 20% darker color. If you saturate the color by 10%, you get **5543622**, and if you desaturate by 10%, it is **8169158**.

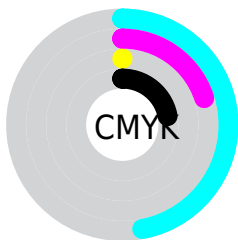
# Distribution



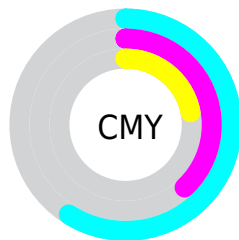
- Red (41%)
- Green (62%)
- Blue (78%)



- Red (41%)
- Yellow (54%)
- Blue (78%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (59%)
- Magenta (38%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6856390 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 6856390 by changing the saturation by 10% instead.





6856390



6856390

16777215



5014699



10540543



3107728



12382719



545654



14286847



15453



16187391



9798



4655



282



0



6856390



6856390

■ 5543622

■ 8169158

■ 4230598

■ 9482182

■ 2983366

■ 10729414

■ 1670342

■ 12042438

■ 357574

■ 13355206

■ 29382

■ 14668230

■ 15980998

■ 16769478

■ 16771782

# Harmonies

## Analogous

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



5219257



6856390



9148102

# Triad

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



6856390



13141901



8561014

# Complementary

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



6856390



13013096

# 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.



10328938



6856390



12880759

# Square

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



6856390



12617893



11834218



6727051

# Rectangle

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



6856390



10588607



11834218



9150320

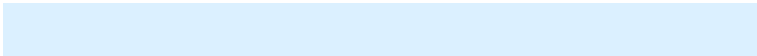


# Sweetspot

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



6856390



14414079



6866575



6977152



0



8421504



# Same Dimension

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



6856390



7258623



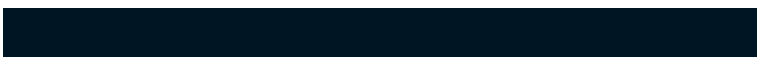
6844614



5922659



24227



5412



# Inverse Universe

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



13002910



16740033



13024872



6511199



10682462



2359317



# Previews

## White Background



This preview shows how the Decimal color 6856390 looks on a white background.

## Color Contrast Check

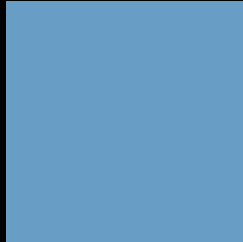
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6856390 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 ✓ Pass

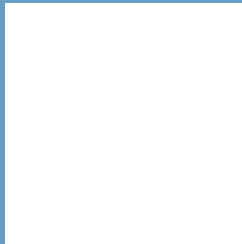
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6856390 Background



This preview shows how black text looks on a background with the Decimal color 6856390.




This preview shows how white text looks on a background with the Decimal color 6856390.

# 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](#).

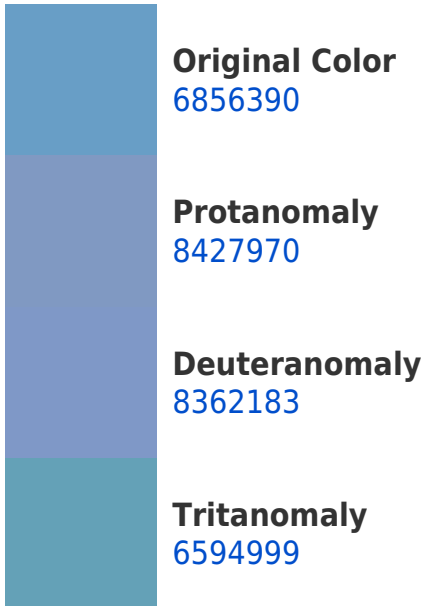
## Dichromacy





**Tritanopia**  
6398639

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6856390 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 #689EC6 looks like.

```
.text, #text, p{  
    color:#689EC6  
}
```

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 #689EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689EC6
}
```

## Border

The CSS property to change the border of an element to Decimal 6856390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

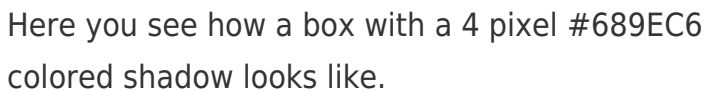
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#689EC6 }
```

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

```
.border{ border-color:#689EC6 }
```

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



Here you see how a box with a 4 pixel #689EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689EC6; -webkit-box-shadow:4px 4px  
4px 4px #689EC6; box-shadow:4px 4px 4px  
4px #689EC6 }
```

# Background

The CSS property to change the background color of an element to Hexadecimal #689EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689EC6 }
```

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

```
.background{ background-color:#689EC6 }
```

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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