

Converting Colors

Decimal(6655689)

Have a look what the booklet for
Decimal(6655689) contains.

Decimal(6655689)	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(6655689)

Conversions

Conversions Part 1

Format	Color
Hex	658EC9
RGB	101, 142, 201
RGB Percent	40%, 56%, 79%
CMY	0.6039, 0.4431, 0.2118
CMYK	0.50, 0.29, 0.00, 0.21
HSL	215°, 48%, 59%
HSV	215°, 50%, 79%
XYZ	25.5824, 26.3297, 58.9922
YIQ	136.4670, -43.3750, 9.6570

Conversions

Conversions Part 2

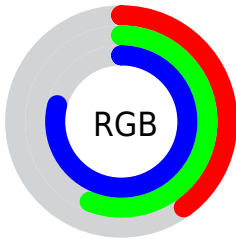
Format	Color
R _Y B	101, 130, 201
Decimal	6655689
CIE Lab	58.35, 2.36, -34.86
CIE LCh	58, 34.937, 273.872
Yxy	26.3297, 0.2307, 0.2374
Android (android.graphics.Color)	4284845769 (0xFF658EC9)
YUV	136.4670, 31.8148, -31.1046
Hunter-Lab	51.3125, -0.8037, -32.2448

Details

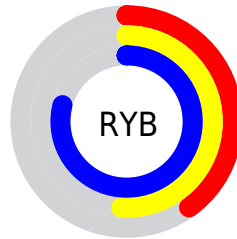
The Decimal color **6655689** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **13213797**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **10339327**, and **2841747** is the 20% darker color. If you saturate the color by 10%, you get **5341897**, and if you desaturate by 10%, it is **7969481**.

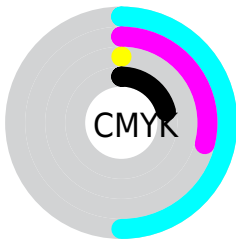
Distribution



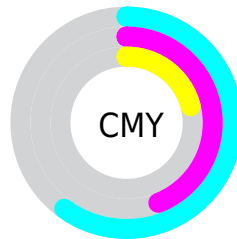
- Red (40%)
- Green (56%)
- Blue (79%)



- Red (40%)
- Yellow (51%)
- Blue (79%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6655689 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 6655689 by changing the saturation by 10% instead.



6655689



6655689

16777215



4814253



10339327



2841747



12181503



17785



14089471



12128



15990783



6983



1073



283



0



6655689



6655689

■ 5341897

■ 7969481

■ 4028105

■ 9283273

■ 2714313

■ 10597065

■ 1400777

■ 11910601

■ 21449

■ 13289929

■ 21193

■ 14603721

■ 15917513

■ 16772553

■ 16775625

Harmonies

Analogous

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



2529219



6655689



9798591

Triad

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



6655689



12941420



5675632

Complementary

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



6655689



13213797

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.



8164696



6655689



11960662

Square

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



6655689



13005961



10259534



2465167

Rectangle

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



6655689



11369649



10259534



6527335

Sweetspot

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



6655689



14280959



6670751



6910592



0



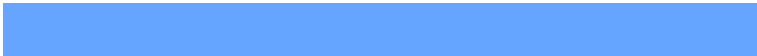
8421504

Same Dimension

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



6655689



6727167



7169481



5922403



17315



3876

Inverse Universe

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



13198734



16737957



12700005



6511198



10682435



2359311

Previews

White Background



This preview shows how the Decimal color 6655689 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 6655689 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 6655689 Background



This preview shows how black text looks on a background with the Decimal color 6655689.



This preview shows how white text looks on a background with the Decimal color 6655689.

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
5805730

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6655689 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 #658EC9 looks like.

```
.text, #text, p{  
    color:#658EC9  
}
```

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 #658EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658EC9
}
```

Border

The CSS property to change the border of an element to Decimal 6655689 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
#658EC9 }
```

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

```
.border{ border-color:#658EC9 }
```

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

Here you see how a box with a 4 pixel #658EC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658EC9; -webkit-box-shadow:4px 4px  
4px 4px #658EC9; box-shadow:4px 4px 4px  
4px #658EC9 }
```

Background

The CSS property to change the background color of an element to Decimal 6655689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658EC9 }
```

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

```
.background{ background-color:#658EC9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor