

Converting Colors

Decimal(6786989)

Have a look what the booklet for
Decimal(6786989) contains.

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Color

Decimal(6786989)

Conversions

Conversions Part 1

Format	Color
Hex	678FAD
RGB	103, 143, 173
RGB Percent	40%, 56%, 68%
CMY	0.5961, 0.4392, 0.3216
CMYK	0.40, 0.17, 0.00, 0.32
HSL	206°, 30%, 54%
HSV	206°, 40%, 68%
XYZ	22.9588, 25.5456, 43.2559
YIQ	134.4600, -33.4700, 0.8500

Conversions

Conversions Part 2

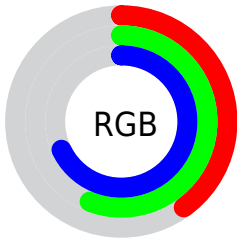
Format	Color
R_{YB}	103, 128, 173
Decimal	6786989
CIE _{Lab}	57.60, -5.86, -20.12
CIE _{LCh}	58, 20.960, 253.755
Yxy	25.5456, 0.2502, 0.2784
Android (android.graphics.Color)	4284977069 (0xFF678FAD)
YUV	134.4600, 19.0002, -27.5904
Hunter-Lab	50.5427, -7.3668, -15.3623

Details

The Decimal color **6786989** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11371879**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **10339813**, and **3366265** is the 20% darker color. If you saturate the color by 10%, you get **5671085**, and if you desaturate by 10%, it is **7902893**.

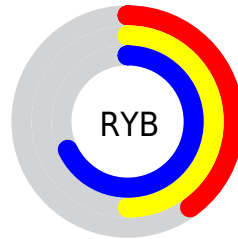
Distribution



Red (40%)

Green (56%)

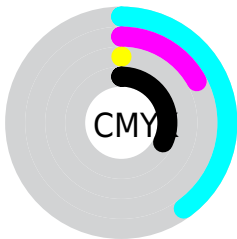
Blue (68%)



Red (40%)

Yellow (50%)

Blue (68%)

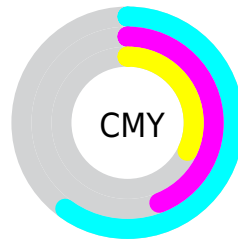


Cyan (40%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (60%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6786989 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 6786989 by changing the saturation by 10% instead.

■ 6786989

■ 6786989

16777215

■ 5076370

■ 10339813

■ 3366265

■ 12116479

■ 1525088

■ 14024191

■ 12104

■ 15925247

■ 6961

■ 540

■ 0

■ 6786989

■ 6786989

■ 5671085

■ 7902893

■ 4489389

■ 9084589

■ 3373485

■ 10200493

■ 2257325

■ 11316653

■ 1075885

■ 12498093

■ 25517

■ 13613997

■ 14730157

■ 15846061

■ 16765613

Harmonies

Analogous

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



5739427



6786989



8423854

Triad

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



6786989



11566466



8098159

Complementary

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



6786989



11371879

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.



9407591



6786989



11370610

Square

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



6786989



11107989



10585704



6722688

Rectangle

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



6786989



9471401



10585704



8556396

Sweetspot

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



6786989



12965344



6794628



6318448



15790320



7368816

Same Dimension

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



6786989



7516640



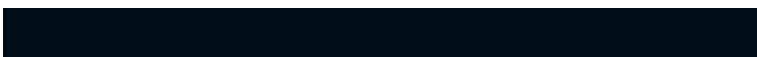
6778285



5133143



22166



3351

Inverse Universe

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



11364239



14709425



11380583



5721683



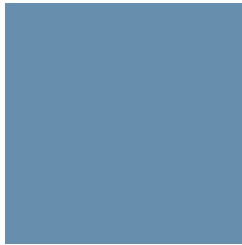
9830486



1507341

Previews

White Background



This preview shows how the Decimal color 6786989 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 6786989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

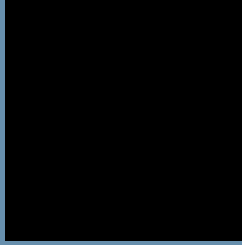
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

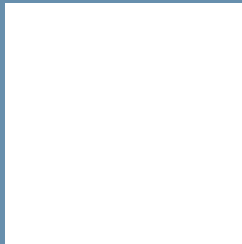
Any Text WCAG AAA × Fail

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

Decimal 6786989 Background



This preview shows how black text looks on a background with the Decimal color 6786989.




This preview shows how white text looks on a background with the Decimal color 6786989.

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
6525597

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6786989 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 #678FAD looks like.

```
.text, #text, p{  
    color:#678FAD  
}
```

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 #678FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678FAD
}
```

Border

The CSS property to change the border of an element to Decimal 6786989 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
#678FAD }
```

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

```
.border{ border-color:#678FAD }
```

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

Here you see how a box with a 4 pixel #678FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678FAD; -webkit-box-shadow:4px 4px  
4px 4px #678FAD; box-shadow:4px 4px 4px  
4px #678FAD }
```

Background

The CSS property to change the background color of an element to Decimal 6786989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678FAD }
```

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

```
.background{ background-color:#678FAD }
```

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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