

Converting Colors

Decimal(6789339)

Have a look what the booklet for
Decimal(6789339) contains.

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Color

Decimal(6789339)

Conversions

Conversions Part 1

Format	Color
Hex	6798DB
RGB	103, 152, 219
RGB Percent	40%, 60%, 86%
CMY	0.5961, 0.4039, 0.1412
CMYK	0.53, 0.31, 0.00, 0.14
HSL	215°, 62%, 63%
HSV	215°, 53%, 86%
XYZ	29.6079, 30.4545, 71.3356
YIQ	144.9870, -50.7110, 10.4490

Conversions

Conversions Part 2

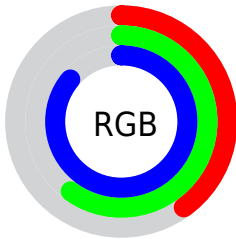
Format	Color
RYB	103, 137, 219
Decimal	6789339
CIELab	62.04, 2.54, -39.15
CIElCh	62, 39.228, 273.719
Yxy	30.4545, 0.2253, 0.2318
Android (android.graphics.Color)	4284979419 (0xFF6798DB)
YUV	144.9870, 36.4884, -36.8226
Hunter-Lab	55.1856, -0.8068, -38.0113

Details

The Decimal color **6789339** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14396007**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **10538751**, and **2712996** is the 20% darker color. If you saturate the color by 10%, you get **5344219**, and if you desaturate by 10%, it is **8234459**.

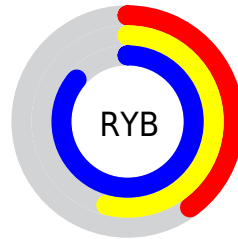
Distribution



Red (40%)

Green (60%)

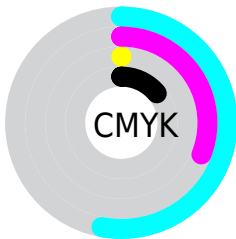
Blue (86%)



Red (40%)

Yellow (54%)

Blue (86%)

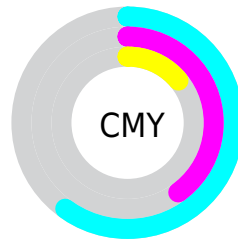


Cyan (53%)

Magenta (31%)

Yellow (0%)

Black (14%)



Cyan (60%)

Magenta (40%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6789339 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 6789339 by changing the saturation by 10% instead.

6789339

6789339

16777215

4882111

10538751

2712996

12446463

20105

14417919

14191

16318463

9047

3135

808

274

0

■ 6789339

■ 6789339

■ 5344219

■ 8234459

■ 3899355

■ 9679323

■ 2454235

■ 11124443

■ 1009115

■ 12569563

■ 24027

■ 13948891

■ 15394011

■ 16773595

■ 16776667

■ 16777179

Harmonies

Analogous

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



41684



6789339



10456016

Triad

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



6789339



14057073



5744246

Complementary

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



6789339



14396007

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.



8626010



6789339



12945752

Square

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



6789339



14121619



11048271



895129

Rectangle

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



6789339



12223423



11048271



6792299

Sweetspot

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



6789339



14084095



6806441



6779520



0



8421504

Same Dimension

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



6789339



6070783



7301083



6514542



18861



4910

Inverse Universe

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



14378904



16735393



13884263



7234407



11337801



3014675

Previews

White Background



This preview shows how the Decimal color 6789339 looks on a white background.

Color Contrast Check

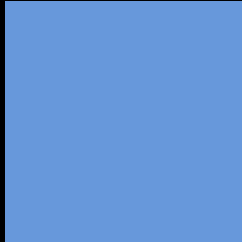
Large Text (above 18pt) WCAG AA × Fail

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 6789339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

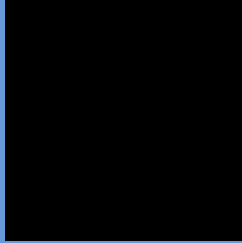
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

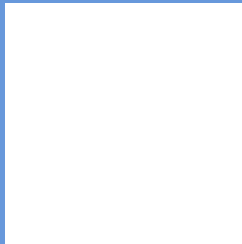
Any Text WCAG AAA ✓ Pass

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

Decimal 6789339 Background



This preview shows how black text looks on a background with the Decimal color 6789339.



This preview shows how white text looks on a background with the Decimal color 6789339.

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
5743022

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6789339 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 #6798DB looks like.

```
.text, #text, p{  
    color:#6798DB  
}
```

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 #6798DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6798DB
}
```

Border

The CSS property to change the border of an element to Decimal 6789339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

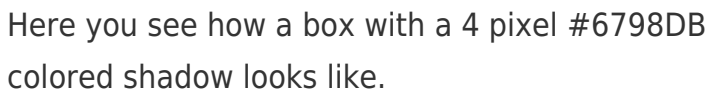
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6798DB }
```

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

```
.border{ border-color:#6798DB }
```

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



Here you see how a box with a 4 pixel #6798DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6798DB; -webkit-box-shadow:4px 4px  
4px 4px #6798DB; box-shadow:4px 4px 4px  
4px #6798DB }
```

Background

The CSS property to change the background color of an element to Decimal 6789339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6798DB }
```

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

```
.background{ background-color:#6798DB }
```

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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