

Converting Colors

Decimal(7357684)

Have a look what the booklet for
Decimal(7357684) contains.

Decimal(7357684)	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(7357684)

Conversions

Conversions Part 1

Format	Color
Hex	7044F4
RGB	112, 68, 244
RGB Percent	44%, 27%, 96%
CMY	0.5608, 0.7333, 0.0431
CMYK	0.54, 0.72, 0.00, 0.04
HSL	255°, 89%, 61%
HSV	255°, 72%, 96%
XYZ	25.0783, 14.1106, 86.9898
YIQ	101.2200, -30.2720, 64.0640

Conversions

Conversions Part 2

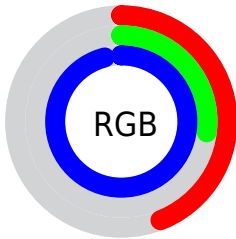
Format	Color
R _{YB}	112, 68, 244
Decimal	7357684
CIE Lab	44.39, 60.39, -81.46
CIE LCh	44, 101.400, 306.550
Yxy	14.1106, 0.1988, 0.1118
Android (android.graphics.Color)	4285547764 (0xFF7044F4)
YUV	101.2200, 70.3905, 9.4541
Hunter-Lab	37.5641, 53.4319, -111.0070

Details

The Decimal color **7357684** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **13169732**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **11434239**, and **2428090** is the 20% darker color. If you saturate the color by 10%, you get **6171892**, and if you desaturate by 10%, it is **8543476**.

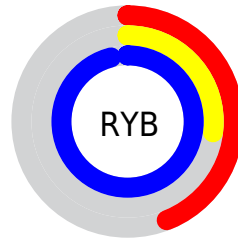
Distribution



Red (44%)

Green (27%)

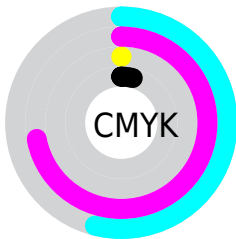
Blue (96%)



Red (44%)

Yellow (27%)

Blue (96%)

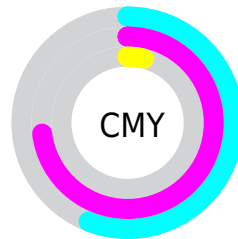


Cyan (54%)

Magenta (72%)

Yellow (0%)

Black (4%)



Cyan (56%)


















Magenta (73%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7357684 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 7357684 by changing the saturation by 10% instead.

 7357684	 7357684
 16777215	 5188311
 11434239	 2428090
 13472767	 159
 15511295	 131
 16763903	 105
 16771071	 2640
	 1336
	 545
	 7

■ 7357684

■ 7357684

■ 6171892

■ 8543476

■ 4920308

■ 9795060

■ 3997940

■ 10980852

■ 12166900

■ 13418228

■ 14604020

■ 15790068

■ 16777204

Harmonies

Analogous

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



29183



7357684



13959342

Triad

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



7357684



11749376



34682

Complementary

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



7357684



13169732

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.



33818



7357684



7367680

Square

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



7357684



14811137



32000



35022

Rectangle

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



7357684



15597687



32000



34653

Sweetspot

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



7357684



14010367



4507892



6774400



0



8421504

Same Dimension

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



7357684



5841407



13124852



7433850



3080378



983099

Inverse Universe

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



16008392



16720328



7402564



8023671



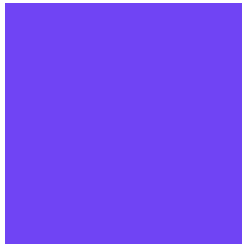
12189836



3866668

Previews

White Background



This preview shows how the Decimal color 7357684 looks on a white background.

Color Contrast Check

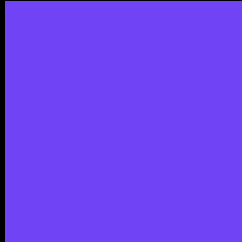
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 7357684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

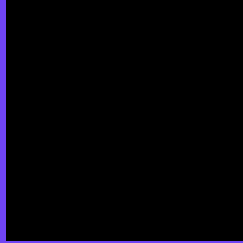
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 7357684 Background



This preview shows how black text looks on a background with the Decimal color 7357684.




This preview shows how white text looks on a background with the Decimal color 7357684.

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





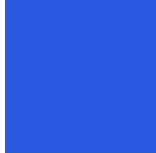
Tritanopia
4616056

Trichromacy



Original Color

7357684



Protanomaly

2709984



Deuteranomaly

2710989



Tritanomaly

5595045

Monochromacy



Original Color

7357684



Achromatopsia

6645093



Achromatomaly

6904217

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7357684 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 #7044F4 looks like.

```
.text, #text, p{  
  color:#7044F4  
}
```

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 #7044F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7044F4
}
```

Border

The CSS property to change the border of an element to Decimal 7357684 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".

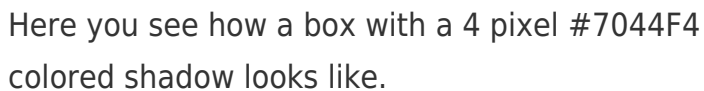
```
.border, #border, table{ border:4px solid
#7044F4 }
```

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

```
.border{ border-color:#7044F4 }
```

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

Here you see how a box with a 4 pixel #7044F4 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset in all directions with a color of #7044F4.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7044F4; -webkit-box-shadow:4px 4px  
4px 4px #7044F4; box-shadow:4px 4px 4px  
4px #7044F4 }
```

Background

The CSS property to change the background color of an element to Decimal 7357684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7044F4 }
```

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

```
.background{ background-color:#7044F4 }
```

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