

Converting Colors

Decimal(7167736)

Have a look what the booklet for
Decimal(7167736) contains.

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Color

Decimal(7167736)

Conversions

Conversions Part 1

Format	Color
Hex	6D5EF8
RGB	109, 94, 248
RGB Percent	43%, 37%, 97%
CMY	0.5725, 0.6314, 0.0275
CMYK	0.56, 0.62, 0.00, 0.03
HSL	246°, 92%, 67%
HSV	246°, 62%, 97%
XYZ	27.2527, 18.0339, 90.8515
YIQ	116.0410, -40.4940, 51.0740

Conversions

Conversions Part 2

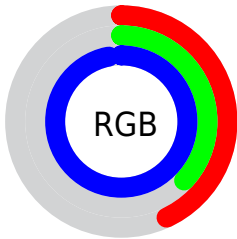
Format	Color
R _Y B	109, 94, 248
Decimal	7167736
CIE Lab	49.54, 47.22, -75.29
CIE LCh	50, 88.873, 302.093
Yxy	18.0339, 0.2002, 0.1325
Android (android.graphics.Color)	4285357816 (0xFF6D5EF8)
YUV	116.0410, 65.0558, -6.1750
Hunter-Lab	42.4664, 40.2356, -97.1170

Details

The Decimal color **7167736** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **15333470**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11244031**, and **2240190** is the 20% darker color. If you saturate the color by 10%, you get **5719544**, and if you desaturate by 10%, it is **8615928**.

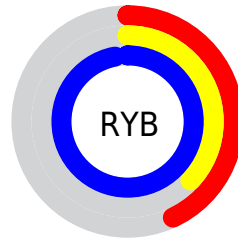
Distribution



Red (43%)

Green (37%)

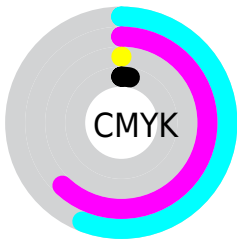
Blue (97%)



Red (43%)

Yellow (37%)

Blue (97%)

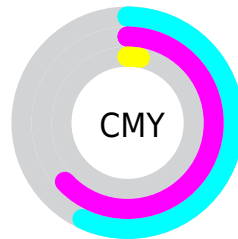


Cyan (56%)

Magenta (62%)

Yellow (0%)

Black (3%)



Cyan (57%)


Magenta (63%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7167736 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 7167736 by changing the saturation by 10% instead.

 7167736

 7167736

16777215

 4998875

 11244031

 2240190

 13217023

 6307

 15255807

 903

 16770303

 109

 2644

 1595

 549

 269

■ 7167736

■ 7167736

■ 5719544

■ 8615928

■ 4205816

■ 10129656

■ 2757880

■ 11577592

■ 1573112

■ 13091320

■ 14539512

■ 15987704

■ 16777208

Harmonies

Analogous

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



32767



7167736



13639102

Triad

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



7167736



12932096



37753

Complementary

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



7167736



15333470

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.



36902



7167736



9139456

Square

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



7167736



15403050



3704576



38085

Rectangle

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



7167736



15532173



3704576



37727

Sweetspot

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



7167736



13881343



6220792



6644352



0



8421504

Same Dimension

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



7167736



5390591



12082936



7499901



1179837



393277

Inverse Universe

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



16277225



16728300



10418270



8220796



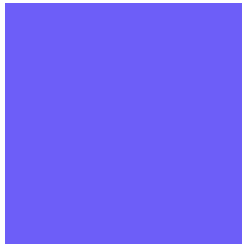
12386474



3997751

Previews

White Background



This preview shows how the Decimal color 7167736 looks on a white background.

Color Contrast Check

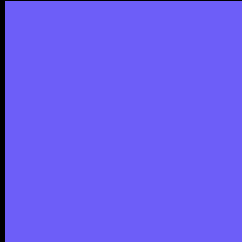
Large Text (above 18pt) WCAG AA ✓ Pass

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 7167736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

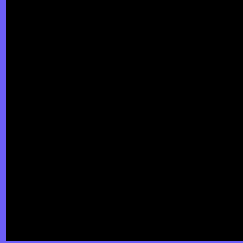
Any Text WCAG AA ✓ Pass

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 7167736 Background



This preview shows how black text looks on a background with the Decimal color 7167736.




This preview shows how white text looks on a background with the Decimal color 7167736.

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](#).

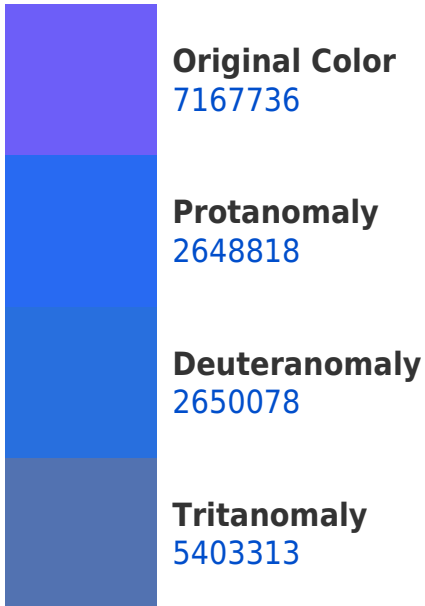
Dichromacy





Tritanopia
4423304

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7167736 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 #6D5EF8 looks like.

```
.text, #text, p{  
    color:#6D5EF8  
}
```

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 #6D5EF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5EF8
}
```

Border

The CSS property to change the border of an element to Decimal 7167736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

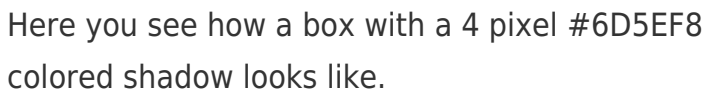
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5EF8 }
```

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

```
.border{ border-color:#6D5EF8 }
```

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



Here you see how a box with a 4 pixel #6D5EF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5EF8; -webkit-box-shadow:4px 4px  
4px 4px #6D5EF8; box-shadow:4px 4px 4px  
4px #6D5EF8 }
```

Background

The CSS property to change the background color of an element to Decimal 7167736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5EF8 }
```

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

```
.background{ background-color:#6D5EF8 }
```

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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