

# Converting Colors

Decimal(7576318)

Have a look what the booklet for  
Decimal(7576318) contains.

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# **Color**

**Decimal(7576318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	739AFE
RGB	115, 154, 254
RGB Percent	45%, 60%, 100%
CMY	0.5490, 0.3961, 0.0039
CMYK	0.55, 0.39, 0.00, 0.00
HSL	223°, 99%, 72%
HSV	223°, 55%, 100%
XYZ	36.5152, 33.9118, 98.3870
YIQ	153.7390, -55.3440, 22.8320

# Conversions

## Conversions Part 2

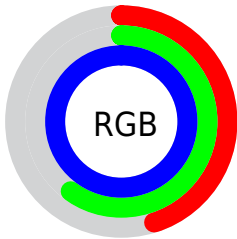
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 145, 254
Decimal	7576318
CIE Lab	64.89, 14.81, -53.89
CIE LCh	65, 55.883, 285.364
Yxy	33.9118, 0.2163, 0.2009
Android (android.graphics.Color)	4285766398 (0xFF739AFE)
YUV	153.7390, 49.4287, -33.9741
Hunter-Lab	58.2338, 10.0183, -59.4077

# Details

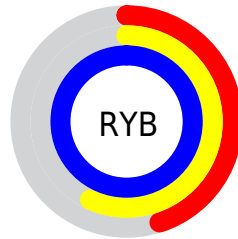
The Decimal color **7576318** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16701299**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **11522303**, and **3237829** is the 20% darker color. If you saturate the color by 10%, you get **5933310**, and if you desaturate by 10%, it is **9219326**.

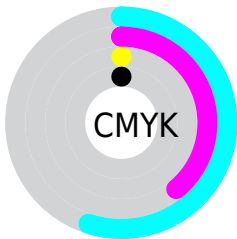
# Distribution



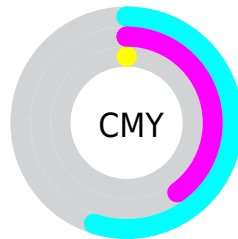
- Red (45%)
- Green (60%)
- Blue (100%)



- Red (45%)
- Yellow (57%)
- Blue (100%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7576318 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 7576318 by changing the saturation by 10% instead.



■ 7576318

■ 7576318

16777215

■ 5538017

■ 11522303

■ 3237829

■ 13430015

■ 20649

■ 15466495

■ 14990

■ 9588

■ 4443

■ 1858

■ 811

■ 278

■ 7576318

■ 7576318

■ 5933310

■ 9219326

■ 4224510

■ 10928126

■ 2581502

■ 12571134

■ 872958

■ 14279678

■ 18430

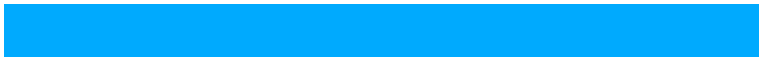
■ 15922686

16777214

# Harmonies

## Analogous

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



43774



7576318



12682980

# Triad

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



7576318



15564632



46210

# Complementary

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



7576318



16701299

# 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.



6794836



7576318



13472313

# Square

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



7576318



16413062



10527542



46774

# Rectangle

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



7576318



14842312



10527542



2798450



# Sweetspot

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



7576318



14082815



7601879



6778496



0



8421504



# Same Dimension

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



7576318



5736191



9532414



7566976



14015



4672



# Inverse Universe

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



16675738



16734086



14745203



8418166



12517430

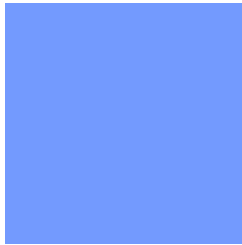


4194322



# Previews

## White Background



This preview shows how the Decimal color 7576318 looks on a white background.

## Color Contrast Check

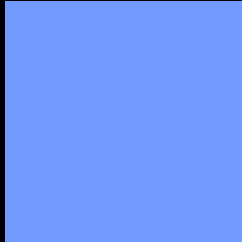
Large Text (above 18pt) WCAG AA × Fail

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 7576318 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

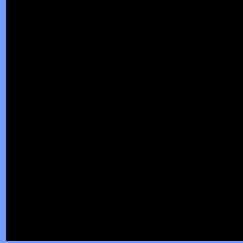
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7576318 Background



This preview shows how black text looks on a background with the Decimal color 7576318.



This preview shows how white text looks on a background with the Decimal color 7576318.

# 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



**Original Color**  
7576318

**Protanopia**  
7772926

**Deuteranopia**  
6528509



**Tritanopia**  
5876151

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7576318 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 #739AFE looks like.

```
.text, #text, p{  
    color:#739AFE  
}
```

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 #739AFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739AFE
}
```

## Border

The CSS property to change the border of an element to Decimal 7576318 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
#739AFE }
```

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

```
.border{ border-color:#739AFE }
```

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

Here you see how a box with a 4 pixel #739AFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739AFE; -webkit-box-shadow:4px 4px  
4px 4px #739AFE; box-shadow:4px 4px 4px  
4px #739AFE }
```

# Background

The CSS property to change the background color of an element to Decimal 7576318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739AFE }
```

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

```
.background{ background-color:#739AFE }
```

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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