

# Converting Colors

Decimal(7256317)

Have a look what the booklet for  
Decimal(7256317) contains.

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# **Color**

**Decimal(7256317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB8FD
RGB	110, 184, 253
RGB Percent	43%, 72%, 99%
CMY	0.5686, 0.2784, 0.0078
CMYK	0.57, 0.27, 0.00, 0.01
HSL	209°, 97%, 71%
HSV	209°, 57%, 99%
XYZ	41.3005, 44.6878, 99.3773
YIQ	169.7400, -66.2530, 5.7710

# Conversions

## Conversions Part 2

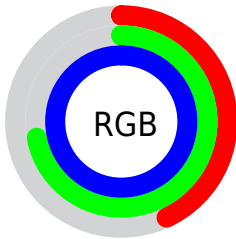
Format	Color
R <sub>Y</sub> B	110, 159, 253
Decimal	7256317
CIE Lab	72.69, -3.55, -41.10
CIE LCh	73, 41.249, 265.056
Yxy	44.6878, 0.2228, 0.2411
Android (android.graphics.Color)	4285446397 (0xFF6EB8FD)
YUV	169.7400, 41.0472, -52.3920
Hunter-Lab	66.8490, -6.7051, -41.3460

# Details

The Decimal color **7256317** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16626542**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **11202815**, and **2720708** is the 20% darker color. If you saturate the color by 10%, you get **5614845**, and if you desaturate by 10%, it is **8897789**.

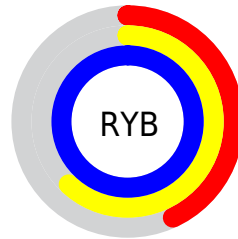
# Distribution



Red (43%)

Green (72%)

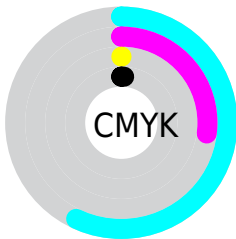
Blue (99%)



Red (43%)

Yellow (62%)

Blue (99%)

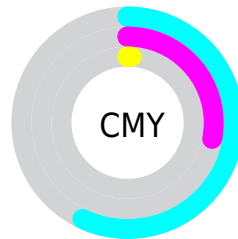


Cyan (57%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (57%)

Magenta (28%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7256317 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 7256317 by changing the saturation by 10% instead.



 7256317


 7256317

16777215

 5152224

 11202815

 2720708

 13172735

 27305

 15138815

 21134

 15476

 9819

 4675

 812

 279

■ 7256317

■ 7256317

■ 5614845

■ 8897789

■ 3907837

■ 10604797

■ 2266109

■ 12246525

■ 624637

■ 13887997

■ 33789

■ 15595005

16777213

# Harmonies

## Analogous

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



1491439



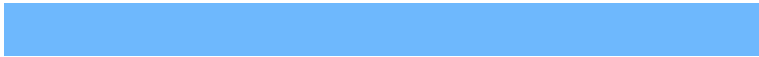
7256317



11381751

# Triad

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



7256317



16488340



8307334

# Complementary

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



7256317



16626542

# 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.



11254380



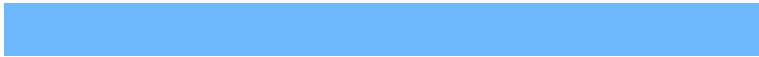
7256317



15573366

# Square

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



7256317



16160186



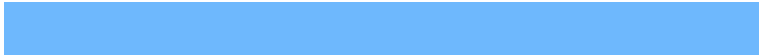
13676135



4769451

# Rectangle

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



7256317



13542120



13676135

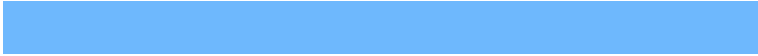


9355388

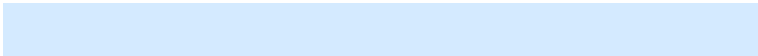


# Sweetspot

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



7256317



13953791



7273905



6714240



0



8421504



# Same Dimension

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



7256317



5417983



7238653



7567744



25535



8512



# Inverse Universe

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



16608952



16732843



16644206



8418169



12517475

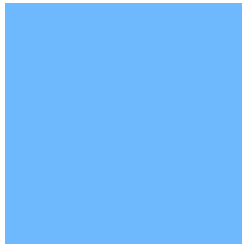


4194337



# Previews

## White Background



This preview shows how the Decimal color 7256317 looks on a white background.

## Color Contrast Check

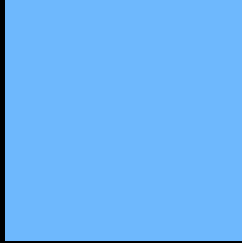
Large Text (above 18pt) WCAG AA × Fail

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 7256317 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

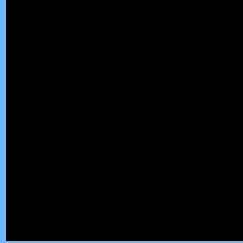
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

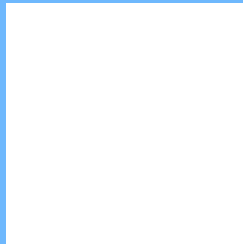
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7256317 Background



This preview shows how black text looks on a background with the Decimal color 7256317.



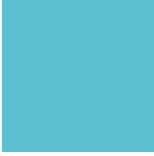
This preview shows how white text looks on a background with the Decimal color 7256317.

# 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**  
6078672

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7256317 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 #6EB8FD looks like.

```
.text, #text, p{  
    color:#6EB8FD  
}
```

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 #6EB8FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB8FD
}
```

## Border

The CSS property to change the border of an element to Decimal 7256317 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
#6EB8FD }
```

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

```
.border{ border-color:#6EB8FD }
```

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

Here you see how a box with a 4 pixel #6EB8FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB8FD; -webkit-box-shadow:4px 4px  
4px 4px #6EB8FD; box-shadow:4px 4px 4px  
4px #6EB8FD }
```

# Background

The CSS property to change the background color of an element to Decimal 7256317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB8FD }
```

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

```
.background{ background-color:#6EB8FD }
```

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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