

Converting Colors

Decimal(5739007)

Have a look what the booklet for
Decimal(5739007) contains.

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Color

Decimal(5739007)

Conversions

Conversions Part 1

Format	Color
Hex	5791FF
RGB	87, 145, 255
RGB Percent	34%, 57%, 100%
CMY	0.6588, 0.4314, 0.0000
CMYK	0.66, 0.43, 0.00, 0.00
HSL	219°, 100%, 67%
HSV	219°, 66%, 100%
XYZ	32.1059, 29.4970, 98.6091
YIQ	140.1980, -69.8780, 21.9140

Conversions

Conversions Part 2

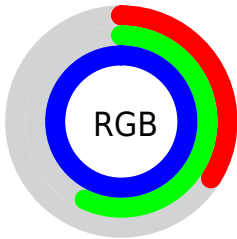
Format	Color
R _Y B	87, 130, 255
Decimal	5739007
CIE Lab	61.22, 15.38, -60.37
CIE LCh	61, 62.296, 284.297
Yxy	29.4970, 0.2004, 0.1841
Android (android.graphics.Color)	4283929087 (0xFF5791FF)
YUV	140.1980, 56.5974, -46.6546
Hunter-Lab	54.3112, 10.4752, -69.6310

Details

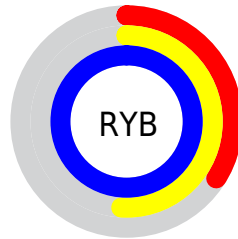
The Decimal color **5739007** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **16762199**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **9946879**, and **24518** is the 20% darker color. If you saturate the color by 10%, you get **4096255**, and if you desaturate by 10%, it is **7447295**.

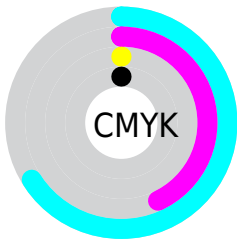
Distribution



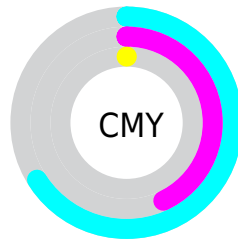
- Red (34%)
- Green (57%)
- Blue (100%)



- Red (34%)
- Yellow (51%)
- Blue (100%)



- Cyan (66%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5739007 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 5739007 by changing the saturation by 10% instead.

■ 5739007

■ 5739007

16777215

■ 3176674

■ 9946879

■ 24518

■ 11985663

■ 18602

■ 14024703

■ 13199

■ 16056319

■ 8052

■ 1627

■ 1859

■ 812

■ 278

■ 5739007

■ 5739007

■ 4096255

■ 7447295

■ 2388223

■ 9089791

■ 745471

■ 10798079

■ 22783

■ 12440831

■ 14148863

■ 15791615

16777215

Harmonies

Analogous

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



41726



5739007



12089827

Triad

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



5739007



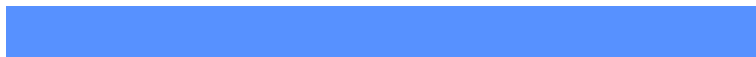
15364169



44148

Complementary

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



5739007



16762199

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.



5743935



5739007



13076256

Square

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



5739007



16211836



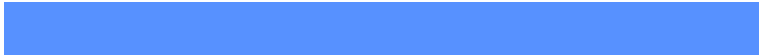
9935127



44717

Rectangle

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



5739007



14445253



9935127



43617

Sweetspot

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



5739007



13426431



5767108



6384512



0



8421504

Same Dimension

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



5739007



3570687



7362559



7567232



17087



5696

Inverse Universe

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



16734097



16725627



15138647



8418167



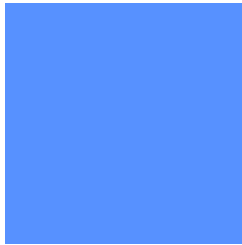
12517442



4194326

Previews

White Background



This preview shows how the Decimal color 5739007 looks on a white 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

Black Background



This preview shows how the Decimal color 5739007 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

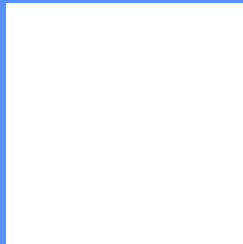
Any Text WCAG AAA × Fail

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

Decimal 5739007 Background



This preview shows how black text looks on a background with the Decimal color 5739007.



This preview shows how white text looks on a background with the Decimal color 5739007.

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](#).

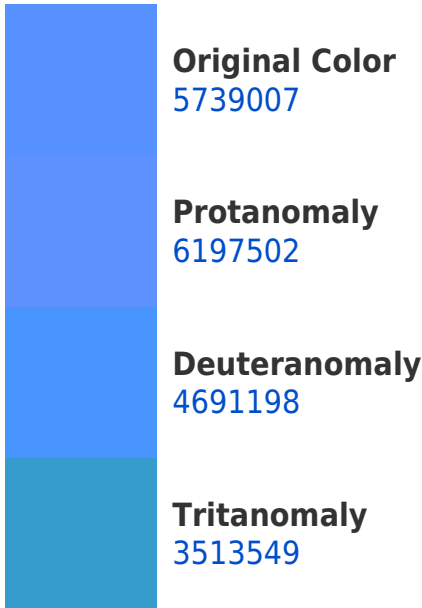
Dichromacy



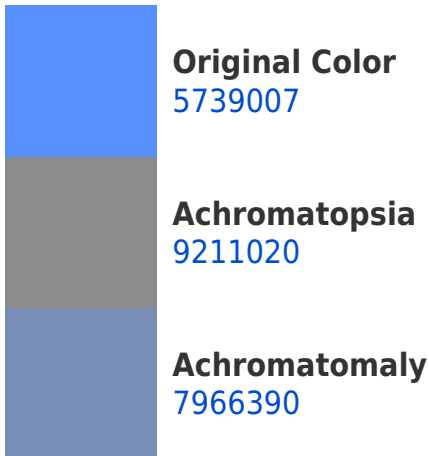


Tritanopia
2269872

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5739007 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 #5791FF looks like.

```
.text, #text, p{  
  color:#5791FF  
}
```

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 #5791FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5791FF
}
```

Border

The CSS property to change the border of an element to Decimal 5739007 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
#5791FF }
```

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

```
.border{ border-color:#5791FF }
```

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

Here you see how a box with a 4 pixel #5791FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5791FF; -webkit-box-shadow:4px 4px  
4px 4px #5791FF; box-shadow:4px 4px 4px  
4px #5791FF }
```

Background

The CSS property to change the background color of an element to Decimal 5739007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5791FF }
```

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

```
.background{ background-color:#5791FF }
```

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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