

Converting Colors

Decimal(5747451)

Have a look what the booklet for
Decimal(5747451) contains.

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Color

Decimal(5747451)

Conversions

Conversions Part 1

Format	Color
Hex	57B2FB
RGB	87, 178, 251
RGB Percent	34%, 70%, 98%
CMY	0.6588, 0.3020, 0.0157
CMYK	0.65, 0.29, 0.00, 0.02
HSL	207°, 95%, 66%
HSV	207°, 65%, 98%
XYZ	37.2635, 40.8321, 97.1842
YIQ	159.1130, -77.6690, 3.4110

Conversions

Conversions Part 2

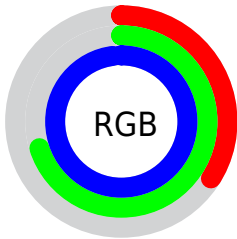
Format	Color
R _Y B	87, 146, 251
Decimal	5747451
CIE Lab	70.06, -4.99, -44.19
CIE LCh	70, 44.469, 263.553
Yxy	40.8321, 0.2126, 0.2330
Android (android.graphics.Color)	4283937531 (0xFF57B2FB)
YUV	159.1130, 45.3003, -63.2431
Hunter-Lab	63.9000, -7.7321, -45.4430

Details

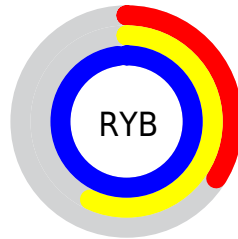
The Decimal color **5747451** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **16490583**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **9955839**, and **32450** is the 20% darker color. If you saturate the color by 10%, you get **4106235**, and if you desaturate by 10%, it is **7388667**.

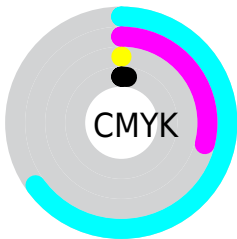
Distribution



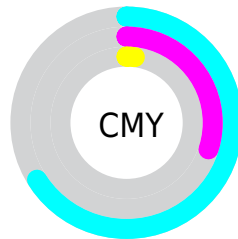
- Red (34%)
- Green (70%)
- Blue (98%)



- Red (34%)
- Yellow (57%)
- Blue (98%)



- Cyan (65%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (66%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5747451 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 5747451 by changing the saturation by 10% instead.

■ 5747451

■ 5747451

16777215

■ 3184606

■ 9955839

■ 32450

■ 11927551

■ 26023

■ 13959167

■ 19852

■ 15990783

■ 14194

■ 8793

■ 1857

■ 810

■ 277

■ 5747451

■ 5747451

■ 4106235

■ 7388667

■ 2465019

■ 9029883

■ 823547

■ 10671355

■ 35835

■ 12312571

■ 13953787

■ 15660539

■ 16777211

Harmonies

Analogous

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



48363



5747451



10659061

Triad

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



5747451



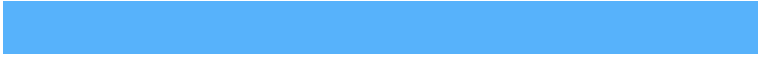
16289165



7715706

Complementary

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



5747451



16490583

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.



10793823



5747451



15374444

Square

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



5747451



15895478



13411930



3326113

Rectangle

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



5747451



13081318



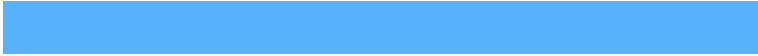
13411930



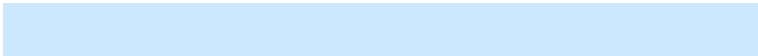
8829295

Sweetspot

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



5747451



13428991



5766046



6386304



0



8421504

Same Dimension

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



5747451



3712767



5726971



7370621



27069



8765

Inverse Universe

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



16471986



16726182



16511063



8220791



12386409



3997730

Previews

White Background



This preview shows how the Decimal color 5747451 looks on a white background.

Color Contrast Check

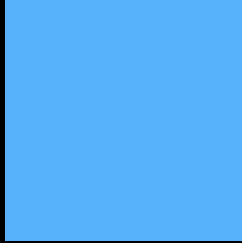
Large Text (above 18pt) WCAG AA × Fail

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 5747451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

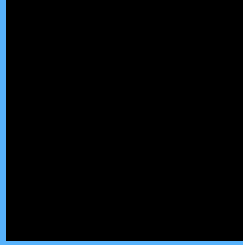
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

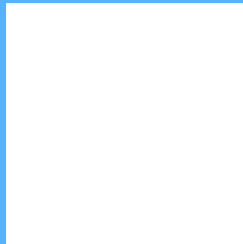
Any Text WCAG AAA ✓ Pass

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

Decimal 5747451 Background



This preview shows how black text looks on a background with the Decimal color 5747451.



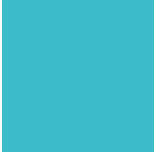
This preview shows how white text looks on a background with the Decimal color 5747451.

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



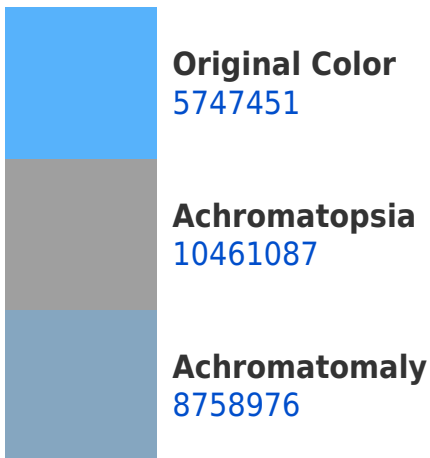


Tritanopia
3980234

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5747451 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 #57B2FB looks like.

```
.text, #text, p{  
    color:#57B2FB  
}
```

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 #57B2FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B2FB
}
```

Border

The CSS property to change the border of an element to Decimal 5747451 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
#57B2FB }
```

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

```
.border{ border-color:#57B2FB }
```

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

Here you see how a box with a 4 pixel #57B2FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B2FB; -webkit-box-shadow:4px 4px  
4px 4px #57B2FB; box-shadow:4px 4px 4px  
4px #57B2FB }
```

Background

The CSS property to change the background color of an element to Decimal 5747451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B2FB }
```

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

```
.background{ background-color:#57B2FB }
```

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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