

Converting Colors

Decimal(5080055)

Have a look what the booklet for
Decimal(5080055) contains.

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Color

Decimal(5080055)

Conversions

Conversions Part 1

Format	Color
Hex	4D83F7
RGB	77, 131, 247
RGB Percent	30%, 51%, 97%
CMY	0.6980, 0.4863, 0.0314
CMYK	0.69, 0.47, 0.00, 0.03
HSL	221°, 91%, 64%
HSV	221°, 69%, 97%
XYZ	27.9654, 24.5258, 91.2557
YIQ	128.0780, -69.4200, 24.6280

Conversions

Conversions Part 2

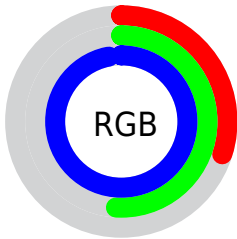
Format	Color
RYB	77, 118, 247
Decimal	5080055
CIELab	56.61, 19.58, -63.38
CIElCh	57, 66.331, 287.168
Yxy	24.5258, 0.1945, 0.1706
Android (android.graphics.Color)	4283270135 (0xFF4D83F7)
YUV	128.0780, 58.6285, -44.7954
Hunter-Lab	49.5235, 14.1308, -74.5857

Details

The Decimal color **5080055** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **16236877**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **9418751**, and **21438** is the 20% darker color. If you saturate the color by 10%, you get **3437303**, and if you desaturate by 10%, it is **6722807**.

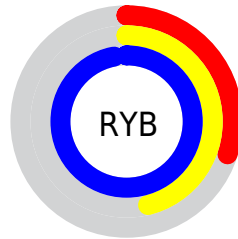
Distribution



Red (30%)

Green (51%)

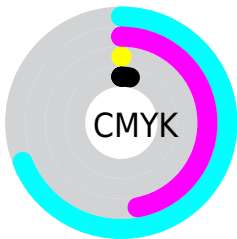
Blue (97%)



Red (30%)

Yellow (46%)

Blue (97%)

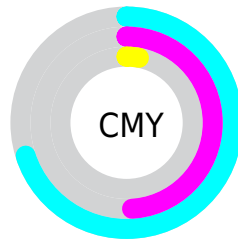


Cyan (69%)

Magenta (47%)

Yellow (0%)

Black (3%)



Cyan (70%)

Magenta (49%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5080055 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 5080055 by changing the saturation by 10% instead.

 5080055

 5080055

16777215

 2124506

 9418751

 21438

 11457535

 15522

 13496319

 10375

 15466495

 5741

 2132

 1596

 549

 270

■ 5080055

■ 5080055

■ 3437303

■ 6722807

■ 1860087

■ 8300023

■ 217335

■ 9942775

■ 20215

■ 11585271

■ 13228023

■ 14805239

■ 16447991

■ 16777207

Harmonies

Analogous

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



38649



5080055



11757783

Triad

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



5080055



14508852



41324

Complementary

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



5080055



16236877

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.



3906354



5080055



12024832

Square

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



5080055



15617385



8687360



41640

Rectangle

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



5080055



14112438



8687360



40792

Sweetspot

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



5080055



13228799



5109694



6318720



0



8421504

Same Dimension

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



5080055



2846719



6901239



7238266



15290



4923

Inverse Universe

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



16207235



16722799



14415693



8023666



12189755



3866643

Previews

White Background



This preview shows how the Decimal color 5080055 looks on a white background.

Color Contrast Check

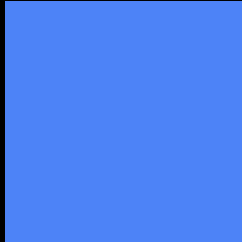
Large Text (above 18pt) WCAG AA ✓ Pass

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 5080055 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 5080055 Background



This preview shows how black text looks on a background with the Decimal color 5080055.



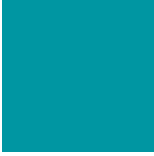
This preview shows how white text looks on a background with the Decimal color 5080055.

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
38562

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5080055 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 #4D83F7 looks like.

```
.text, #text, p{  
    color:#4D83F7  
}
```

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 #4D83F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D83F7
}
```

Border

The CSS property to change the border of an element to Decimal 5080055 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
#4D83F7 }
```

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

```
.border{ border-color:#4D83F7 }
```

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

Here you see how a box with a 4 pixel #4D83F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D83F7; -webkit-box-shadow:4px 4px  
4px 4px #4D83F7; box-shadow:4px 4px 4px  
4px #4D83F7 }
```

Background

The CSS property to change the background color of an element to Decimal 5080055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D83F7 }
```

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

```
.background{ background-color:#4D83F7 }
```

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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