

Converting Colors

Decimal(8237560)

Have a look what the booklet for
Decimal(8237560) contains.

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Color

Decimal(8237560)

Conversions

Conversions Part 1

Format	Color
Hex	7DB1F8
RGB	125, 177, 248
RGB Percent	49%, 69%, 97%
CMY	0.5098, 0.3059, 0.0275
CMYK	0.50, 0.29, 0.00, 0.03
HSL	215°, 90%, 73%
HSV	215°, 50%, 97%
XYZ	41.1229, 42.5816, 94.8586
YIQ	169.5460, -53.7830, 11.0570

Conversions

Conversions Part 2

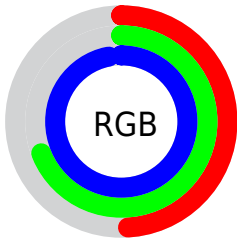
Format	Color
R _Y B	125, 162, 248
Decimal	8237560
CIE Lab	71.27, 2.00, -40.55
CIE LCh	71, 40.600, 272.830
Yxy	42.5816, 0.2303, 0.2385
Android (android.graphics.Color)	4286427640 (0xFF7DB1F8)
YUV	169.5460, 38.6778, -39.0668
Hunter-Lab	65.2546, -1.7063, -40.5099

Details

The Decimal color **8237560** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **16303229**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **12052735**, and **4292031** is the 20% darker color. If you saturate the color by 10%, you get **6595576**, and if you desaturate by 10%, it is **9879544**.

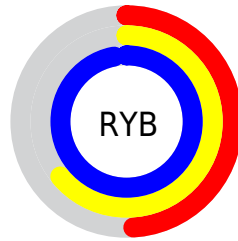
Distribution



Red (49%)

Green (69%)

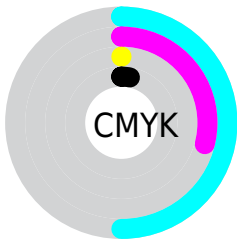
Blue (97%)



Red (49%)

Yellow (64%)

Blue (97%)

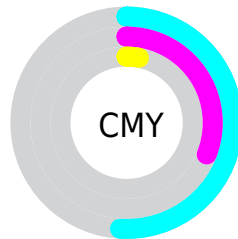


Cyan (50%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8237560 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 8237560 by changing the saturation by 10% instead.

■ 8237560

■ 8237560

16777215

■ 6330075

■ 12052735

■ 4292031

■ 13959167

■ 1860772

■ 15925247

■ 19593

■ 13936

■ 8535

■ 2367

■ 808

■ 274

■ 8237560

■ 8237560

■ 6595576

■ 9879544

■ 4953336

■ 11521784

■ 3376888

■ 13098232

■ 1734904

■ 14740216

■ 92664

■ 16382456

■ 27128

■ 16777208

Harmonies

Analogous

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



3324911



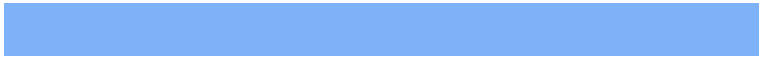
8237560



12035309

Triad

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



8237560



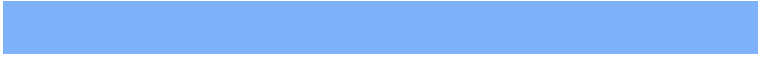
16029064



7323531

Complementary

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



8237560



16303229

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.



10270831



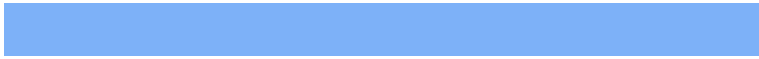
8237560



14852461

Square

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



8237560



16028076



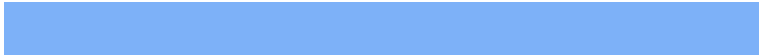
12823908



3588785

Rectangle

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



8237560



13933532



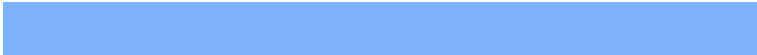
12823908



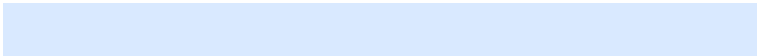
8371584

Sweetspot

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



8237560



14281215



8255683



6910592



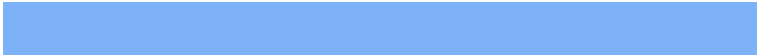
0



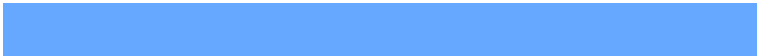
8421504

Same Dimension

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



8237560



6727679



8748536



7370365



20669



6717

Inverse Universe

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



16285105



16737959



15792253



8220790



12386384



3997722

Previews

White Background



This preview shows how the Decimal color 8237560 looks on a white background.

Color Contrast Check

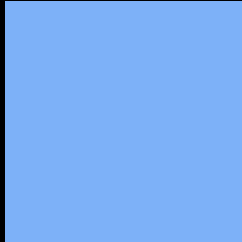
Large Text (above 18pt) WCAG AA × Fail

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 8237560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

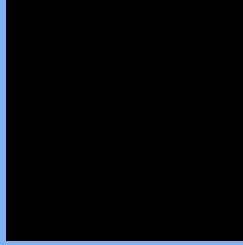
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

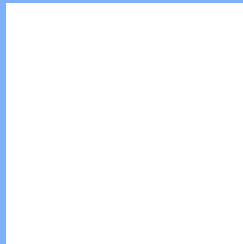
Any Text WCAG AAA ✓ Pass

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

Decimal 8237560 Background



This preview shows how black text looks on a background with the Decimal color 8237560.



This preview shows how white text looks on a background with the Decimal color 8237560.

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](#).

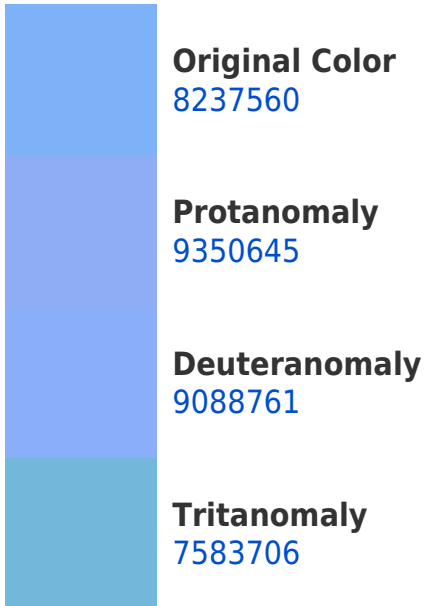
Dichromacy



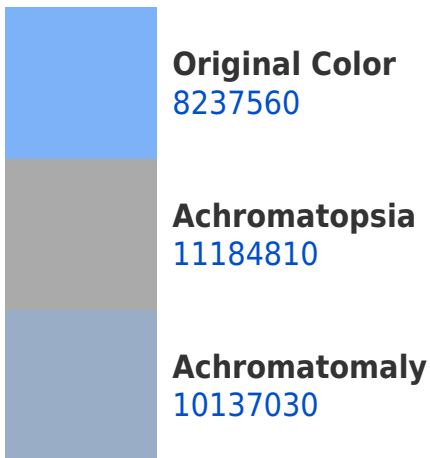


Tritanopia
7256777

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8237560 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 #7DB1F8 looks like.

```
.text, #text, p{  
    color:#7DB1F8  
}
```

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 #7DB1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB1F8  
}
```

Border

The CSS property to change the border of an element to Decimal 8237560 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  
#7DB1F8 }
```

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

```
.border{ border-color:#7DB1F8 }
```

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

Here you see how a box with a 4 pixel #7DB1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB1F8; -webkit-box-shadow:4px 4px  
4px 4px #7DB1F8; box-shadow:4px 4px 4px  
4px #7DB1F8 }
```

Background

The CSS property to change the background color of an element to Decimal 8237560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB1F8 }
```

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

```
.background{ background-color:#7DB1F8 }
```

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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