

Converting Colors

Decimal(6130428)

Have a look what the booklet for
Decimal(6130428) contains.

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Color

Decimal(6130428)

Conversions

Conversions Part 1

Format	Color
Hex	5D8AFC
RGB	93, 138, 252
RGB Percent	36%, 54%, 99%
CMY	0.6353, 0.4588, 0.0118
CMYK	0.63, 0.45, 0.00, 0.01
HSL	223°, 96%, 68%
HSV	223°, 63%, 99%
XYZ	31.1734, 27.5324, 95.7667
YIQ	137.5410, -63.4140, 25.9140

Conversions

Conversions Part 2

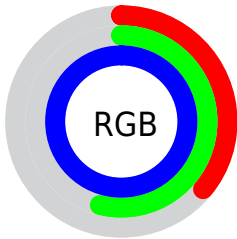
Format	Color
R _Y B	93, 128, 252
Decimal	6130428
CIE Lab	59.46, 19.54, -61.51
CIE LCh	59, 64.542, 287.622
Yxy	27.5324, 0.2018, 0.1782
Android (android.graphics.Color)	4284320508 (0xFF5D8AFC)
YUV	137.5410, 56.4283, -39.0625
Hunter-Lab	52.4713, 14.2226, -71.4818

Details

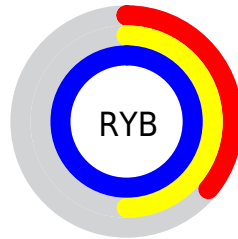
The Decimal color **6130428** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **16568157**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **10272767**, and **22979** is the 20% darker color. If you saturate the color by 10%, you get **4487420**, and if you desaturate by 10%, it is **7773436**.

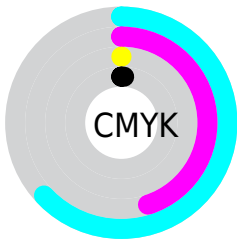
Distribution



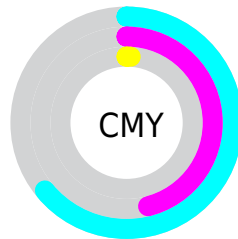
- Red (36%)
- Green (54%)
- Blue (99%)



- Red (36%)
- Yellow (50%)
- Blue (99%)



- Cyan (63%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)



















- Cyan (64%)
- Magenta (46%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6130428 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 6130428 by changing the saturation by 10% instead.

 6130428	 6130428
 16777215	 3764703
 10272767	 22979
 12246015	 17063
 14284799	 11660
 16318463	 6770
	 89
	 1856
	 809
	 275

■ 6130428

■ 6130428

■ 4487420

■ 7773436

■ 2844412

■ 9416444

■ 1135868

■ 11124988

■ 18428

■ 12767996

■ 14411004

■ 16054012

16777212

Harmonies

Analogous

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



40190



6130428



12349916

Triad

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



6130428



14969916



43125

Complementary

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



6130428



16568157

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.



4563517



6130428



12485644

Square

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



6130428



16078960



9148168



43696

Rectangle

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



6130428



14573756



9148168



42850

Sweetspot

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



6130428



13622527



6159567



6449792



0



8421504

Same Dimension

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



6130428



4027647



8347132



7369853



13757



4413

Inverse Universe

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



16539018



16727412



14351453



8220788



12386357



3997713

Previews

White Background



This preview shows how the Decimal color 6130428 looks on a white background.

Color Contrast Check

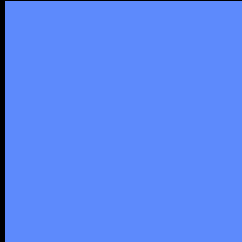
Large Text (above 18pt) WCAG AA ✓ Pass

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 6130428 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 6130428 Background



This preview shows how black text looks on a background with the Decimal color 6130428.



This preview shows how white text looks on a background with the Decimal color 6130428.

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



Original Color
6130428

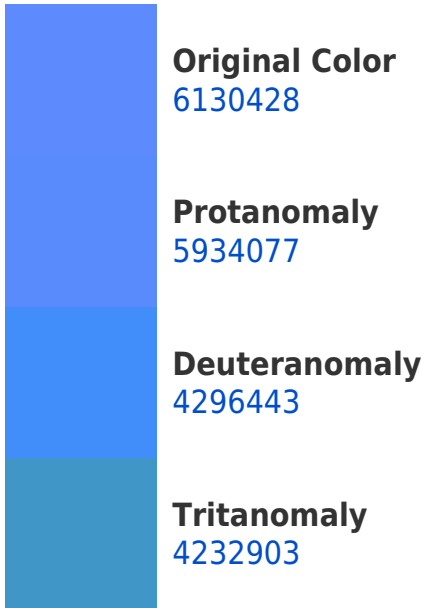
Protanopia
5868541

Deuteranopia
3248378



Tritanopia
3186089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6130428 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 #5D8AFC looks like.

```
.text, #text, p{  
  color:#5D8AFC  
}
```

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 #5D8AFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8AFC
}
```

Border

The CSS property to change the border of an element to Decimal 6130428 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
#5D8AFC }
```

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

```
.border{ border-color:#5D8AFC }
```

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

Here you see how a box with a 4 pixel #5D8AFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8AFC; -webkit-box-shadow:4px 4px  
4px 4px #5D8AFC; box-shadow:4px 4px 4px  
4px #5D8AFC }
```

Background

The CSS property to change the background color of an element to Decimal 6130428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8AFC }
```

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

```
.background{ background-color:#5D8AFC }
```

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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