

Converting Colors

Decimal(6132216)

Have a look what the booklet for
Decimal(6132216) contains.

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Color

Decimal(6132216)

Conversions

Conversions Part 1

Format	Color
Hex	5D91F8
RGB	93, 145, 248
RGB Percent	36%, 57%, 97%
CMY	0.6353, 0.4314, 0.0275
CMYK	0.62, 0.42, 0.00, 0.03
HSL	220°, 92%, 67%
HSV	220°, 63%, 97%
XYZ	31.5829, 29.3553, 92.8085
YIQ	141.1940, -64.0550, 21.0090

Conversions

Conversions Part 2

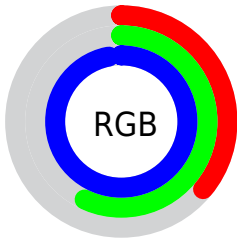
Format	Color
R_{YB}	93, 132, 248
Decimal	6132216
CIE _{Lab}	61.09, 14.02, -56.71
CIE _{LCh}	61, 58.415, 283.883
Yxy	29.3553, 0.2054, 0.1909
Android (android.graphics.Color)	4284322296 (0xFF5D91F8)
YUV	141.1940, 52.6554, -42.2661
Hunter-Lab	54.1805, 9.2353, -63.6344

Details

The Decimal color **6132216** 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 **16303197**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10209023**, and **24511** is the 20% darker color. If you saturate the color by 10%, you get **4489720**, and if you desaturate by 10%, it is **7774712**.

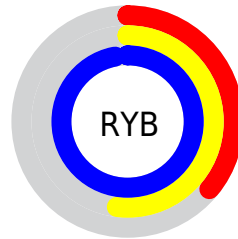
Distribution



Red (36%)

Green (57%)

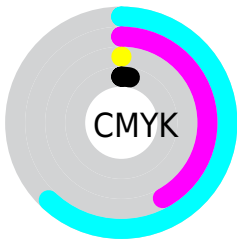
Blue (97%)



Red (36%)

Yellow (52%)

Blue (97%)

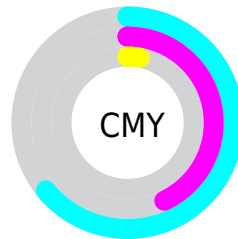


Cyan (62%)

Magenta (42%)

Yellow (0%)

Black (3%)



Cyan (64%)

Magenta (43%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6132216 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 6132216 by changing the saturation by 10% instead.

■ 6132216

■ 6132216

16777215

■ 3832027

■ 10209023

■ 24511

■ 12182271

■ 18595

■ 14221311

■ 13193

■ 16187391

■ 8047

■ 1366

■ 1597

■ 807

■ 272

■ 6132216

■ 6132216

■ 4489720

■ 7774712

■ 2846968

■ 9417464

■ 1270008

■ 10994424

■ 21496

■ 12637176

■ 14279672

■ 15922424

■ 16777208

Harmonies

Analogous

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



41462



6132216



11893726

Triad

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



6132216



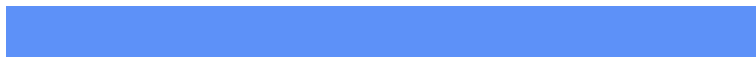
15102542



43637

Complementary

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



6132216



16303197

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.



6136900



6132216



12945194

Square

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



6132216



15885438



10000420



44203

Rectangle

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



6132216



14118338



10000420



1091940

Sweetspot

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



6132216



13623295



6158530



6450304



0



8421504

Same Dimension

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



6132216



4227327



7626232



7370109



16317



5437

Inverse Universe

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



16276881



16728192



14809181



8220789



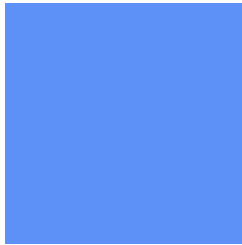
12386367



3997717

Previews

White Background



This preview shows how the Decimal color 6132216 looks on a white background.

Color Contrast Check

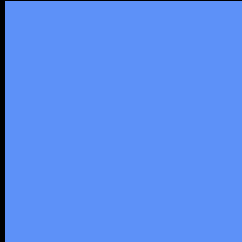
Large Text (above 18pt) WCAG AA ✓ Pass

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 6132216 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

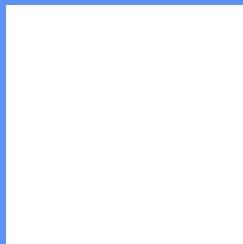
Any Text WCAG AAA × Fail

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

Decimal 6132216 Background



This preview shows how black text looks on a background with the Decimal color 6132216.



This preview shows how white text looks on a background with the Decimal color 6132216.

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
3645870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6132216 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 #5D91F8 looks like.

```
.text, #text, p{  
    color:#5D91F8  
}
```

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 #5D91F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D91F8
}
```

Border

The CSS property to change the border of an element to Decimal 6132216 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
#5D91F8 }
```

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

```
.border{ border-color:#5D91F8 }
```

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

Here you see how a box with a 4 pixel #5D91F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D91F8; -webkit-box-shadow:4px 4px  
4px 4px #5D91F8; box-shadow:4px 4px 4px  
4px #5D91F8 }
```

Background

The CSS property to change the background color of an element to Decimal 6132216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D91F8 }
```

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

```
.background{ background-color:#5D91F8 }
```

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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