

Converting Colors

Decimal(4426226)

Have a look what the booklet for
Decimal(4426226) contains.

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Color

Decimal(4426226)

Conversions

Conversions Part 1

Format	Color
Hex	4389F2
RGB	67, 137, 242
RGB Percent	26%, 54%, 95%
CMY	0.7373, 0.4627, 0.0510
CMYK	0.72, 0.43, 0.00, 0.05
HSL	216°, 87%, 61%
HSV	216°, 72%, 95%
XYZ	27.2874, 25.4954, 87.4873
YIQ	128.0400, -75.4250, 17.8150

Conversions

Conversions Part 2

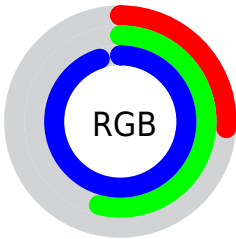
Format	Color
R _Y B	67, 117, 242
Decimal	4426226
CIE _{Lab}	57.55, 12.80, -59.11
CIE _{LCh}	58, 60.485, 282.216
Y _{xy}	25.4954, 0.1945, 0.1818
Android (android.graphics.Color)	4282616306 (0xFF4389F2)
Y _{UV}	128.0400, 56.1823, -53.5321
Hunter-Lab	50.4930, 8.1022, -67.3845

Details

The Decimal color **4426226** 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 **15903811**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **8896255**, and **22713** is the 20% darker color. If you saturate the color by 10%, you get **2849522**, and if you desaturate by 10%, it is **6002930**.

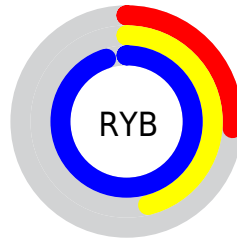
Distribution



Red (26%)

Green (54%)

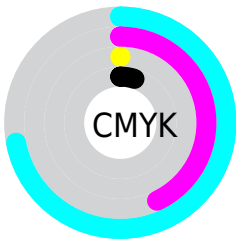
Blue (95%)



Red (26%)

Yellow (46%)

Blue (95%)

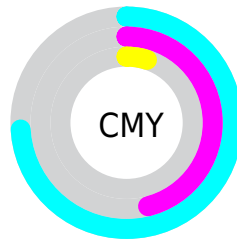


Cyan (72%)

Magenta (43%)

Yellow (0%)

Black (5%)



Cyan (74%)

















Magenta (46%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4426226 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 4426226 by changing the saturation by 10% instead.

 4426226	 4426226
 16777215	 553173
 8896255	 22713
 10934783	 16798
 12973823	 11395
 14942207	 6761
	 2384
	 1336
	 546
	 8

■ 4426226

■ 4426226

■ 2849522

■ 6002930

■ 1273074

■ 7579378

■ 25074

■ 9221618

■ 10798066

■ 12374770

■ 13951218

■ 15527922

■ 16776690

■ 16777202

Harmonies

Analogous

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



39407



4426226



11039449

Triad

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



4426226



14575173



41320

Complementary

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



4426226



15903811

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.



5610294



4426226



12483612

Square

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



4426226



15357815



9473550



41887

Rectangle

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



4426226



13460412



9473550



40790

Sweetspot

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



4426226



13098495



4453036



6188160



0



8421504

Same Dimension

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



4426226



2194175



5522418



7106936



18872



5688

Inverse Universe

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



15877001



16720250



14807619



7892081



12058697



3670038

Previews

White Background



This preview shows how the Decimal color 4426226 looks on a white background.

Color Contrast Check

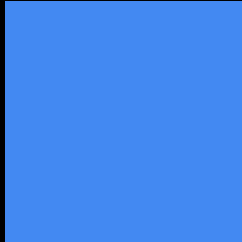
Large Text (above 18pt) WCAG AA ✓ Pass

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 4426226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

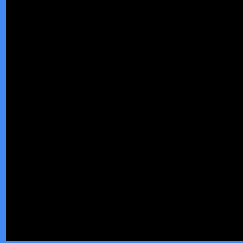
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

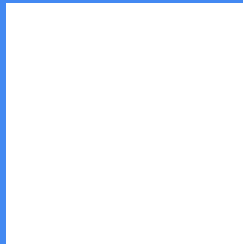
Any Text WCAG AAA × Fail

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

Decimal 4426226 Background



This preview shows how black text looks on a background with the Decimal color 4426226.



This preview shows how white text looks on a background with the Decimal color 4426226.

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](#).

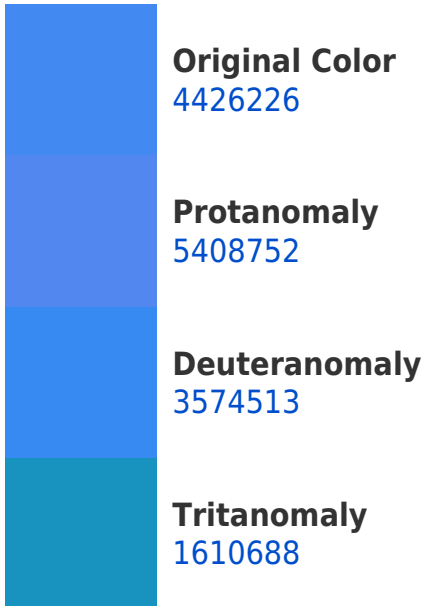
Dichromacy





Tritanopia
39332

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4426226 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 #4389F2 looks like.

```
.text, #text, p{  
    color:#4389F2  
}
```

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 #4389F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4389F2
}
```

Border

The CSS property to change the border of an element to Decimal 4426226 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
#4389F2 }
```

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

```
.border{ border-color:#4389F2 }
```

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

Here you see how a box with a 4 pixel #4389F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4389F2; -webkit-box-shadow:4px 4px  
4px 4px #4389F2; box-shadow:4px 4px 4px  
4px #4389F2 }
```

Background

The CSS property to change the background color of an element to Decimal 4426226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4389F2 }
```

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

```
.background{ background-color:#4389F2 }
```

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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