

Converting Colors

Decimal(3050740)

Have a look what the booklet for
Decimal(3050740) contains.

Decimal(3050740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(3050740)

Conversions

Conversions Part 1

Format	Color
Hex	2E8CF4
RGB	46, 140, 244
RGB Percent	18%, 55%, 96%
CMY	0.8196, 0.4510, 0.0431
CMYK	0.81, 0.43, 0.00, 0.04
HSL	212°, 90%, 57%
HSV	212°, 81%, 96%
XYZ	26.8339, 25.8687, 89.1668
YIQ	123.7500, -89.4080, 12.4160

Conversions

Conversions Part 2

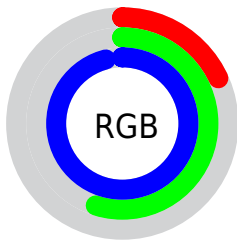
Format	Color
R _{YB}	46, 110, 244
Decimal	3050740
CIE Lab	57.91, 9.42, -59.68
CIE LCh	58, 60.420, 278.971
Yxy	25.8687, 0.1891, 0.1823
Android (android.graphics.Color)	4281240820 (0xFF2E8CF4)
YUV	123.7500, 59.2833, -68.1868
Hunter-Lab	50.8612, 5.1678, -68.3407

Details

The Decimal color **3050740** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **16029230**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **8110591**, and **23483** is the 20% darker color. If you saturate the color by 10%, you get **1474548**, and if you desaturate by 10%, it is **4626932**.

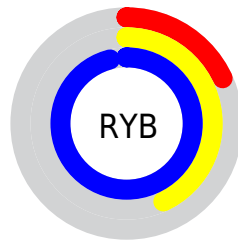
Distribution



Red (18%)

Green (55%)

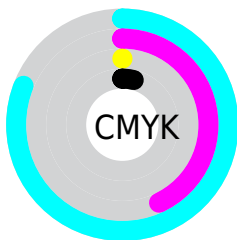
Blue (96%)



Red (18%)

Yellow (43%)

Blue (96%)

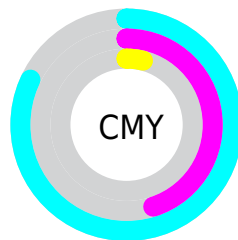


Cyan (81%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (82%)


















Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3050740 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 3050740 by changing the saturation by 10% instead.

 3050740	 3050740
 16777215	 29655
 8110591	 23483
 10214911	 17568
 12253695	 12165
 14286847	 7275
 16383999	 2898
	 1338
	 547
	 11

■ 3050740

■ 3050740

■ 1474548

■ 4626932

■ 29940

■ 6268660

■ 7844596

■ 9486324

■ 11062516

■ 12638708

■ 14280436

■ 15856628

■ 16777204

Harmonies

Analogous

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



39918



3050740



10647262

Triad

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



3050740



14837067



41571

Complementary

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



3050740



16029230

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.



6199858



3050740



12811041

Square

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



3050740



15357821



9932302



42138

Rectangle

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



3050740



13199042



9932302



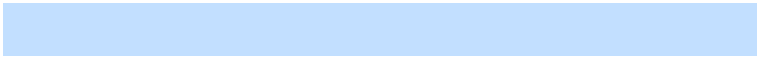
1679442

Sweetspot

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



3050740



12771327



3077268



5991552



0



8421504

Same Dimension

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



3050740



556543



3223284



7238778



22714



7227

Inverse Universe

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



16002700



16713853



15856686



8023668



12189784



3866652

Previews

White Background



This preview shows how the Decimal color 3050740 looks on a white background.

Color Contrast Check

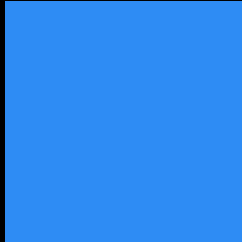
Large Text (above 18pt) WCAG AA ✓ Pass

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 3050740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

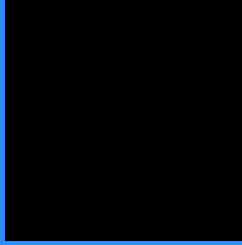
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

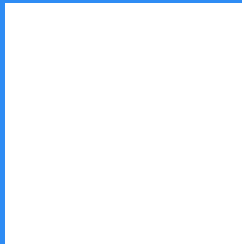
Any Text WCAG AAA × Fail

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

Decimal 3050740 Background



This preview shows how black text looks on a background with the Decimal color 3050740.



This preview shows how white text looks on a background with the Decimal color 3050740.

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



Trichromacy



Original Color
3050740

Protanomaly
4950513

Deuteranomaly
2985204

Monochromacy



Original Color
3050740

Achromatopsia
8158332

Achromatomaly
6324904

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3050740 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 #2E8CF4 looks like.

```
.text, #text, p{  
    color:#2E8CF4  
}
```

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 #2E8CF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8CF4
}
```

Border

The CSS property to change the border of an element to Decimal 3050740 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
#2E8CF4 }
```

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

```
.border{ border-color:#2E8CF4 }
```

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

Here you see how a box with a 4 pixel #2E8CF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8CF4; -webkit-box-shadow:4px 4px  
4px 4px #2E8CF4; box-shadow:4px 4px 4px  
4px #2E8CF4 }
```

Background

The CSS property to change the background color of an element to Decimal 3050740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8CF4 }
```

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

```
.background{ background-color:#2E8CF4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor