

# Converting Colors

Decimal(3057393)

Have a look what the booklet for  
Decimal(3057393) contains.

<b>Decimal(3057393)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# **Color**

**Decimal(3057393)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2EA6F1
RGB	46, 166, 241
RGB Percent	18%, 65%, 95%
CMY	0.8196, 0.3490, 0.0549
CMYK	0.81, 0.31, 0.00, 0.05
HSL	203°, 87%, 56%
HSV	203°, 81%, 95%
XYZ	30.6401, 34.2042, 88.2062
YIQ	138.6700, -95.5950, -2.1150

# Conversions

## Conversions Part 2

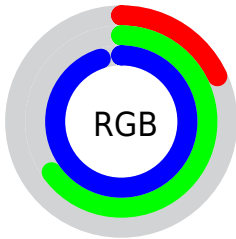
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 120, 241
Decimal	3057393
CIE <sub>Lab</sub>	65.12, -6.84, -46.57
CIE <sub>LCh</sub>	65, 47.071, 261.648
Yxy	34.2042, 0.2002, 0.2235
Android (android.graphics.Color)	4281247473 (0xFF2EA6F1)
YUV	138.6700, 50.4487, -81.2716
Hunter-Lab	58.4843, -8.8308, -48.4824

# Details

The Decimal color **3057393** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **15825198**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **8052223**, and **29368** is the 20% darker color. If you saturate the color by 10%, you get **1482225**, and if you desaturate by 10%, it is **4632561**.

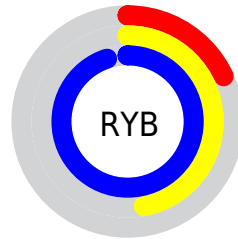
# Distribution



Red (18%)

Green (65%)

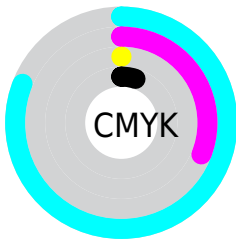
Blue (95%)



Red (18%)

Yellow (47%)

Blue (95%)

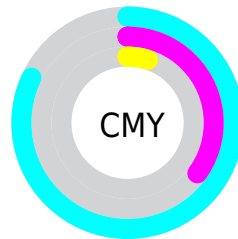


Cyan (81%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (82%)

Magenta (35%)


















Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3057393 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 3057393 by changing the saturation by 10% instead.



 3057393	 3057393
 16777215	 36052
 8052223	 29368
 10156543	 23197
 12255231	 17283
 14286847	 11625
 16318463	 6737
	 1337
	 547
	 9

■ 3057393

■ 3057393

■ 1482225

■ 4632561

■ 38129

■ 6207985

■ 7783153

■ 9358321

■ 10933489

■ 12574449

■ 14149617

■ 15724785

■ 16775665

# Harmonies

## Analogous

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



45023



3057393



9345260

# Triad

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



3057393



15564161



6794856

# Complementary

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



3057393



15825198

# 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.



10069325



3057393



14649437

# Square

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



3057393



15105196



12687433



177040

# Rectangle

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



3057393



12029405



12687433



7973981

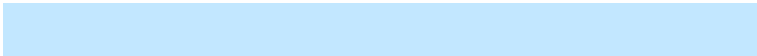


# Sweetspot

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



3057393



12773375



3076473



5992832



0



8421504

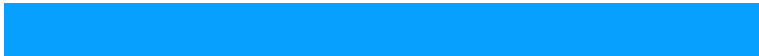


# Same Dimension

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



3057393



565503



3032561



7107448



29112



9016



# Inverse Universe

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



15806118



16713888



15850030



7892083



12058737

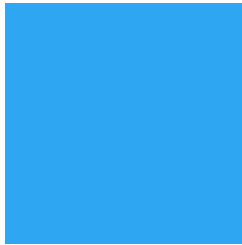


3670051



# Previews

## White Background



This preview shows how the Decimal color 3057393 looks on a white background.

## Color Contrast Check

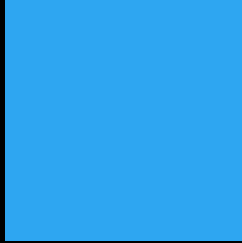
Large Text (above 18pt) WCAG AA × Fail

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 3057393 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

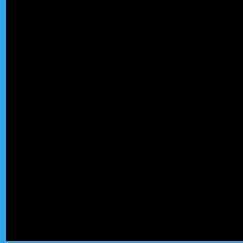
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

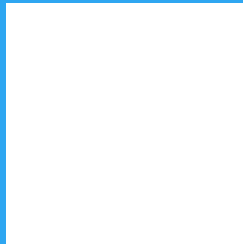
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3057393 Background



This preview shows how black text looks on a background with the Decimal color 3057393.



This preview shows how white text looks on a background with the Decimal color 3057393.

# 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**  
3057393

**Protanomaly**  
6594283

**Deuteranomaly**  
5808370

# Monochromacy



**Original Color**  
3057393

**Achromatopsia**  
9145227

**Achromatomaly**  
6919600

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3057393 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 #2EA6F1 looks like.

```
.text, #text, p{  
  color:#2EA6F1  
}
```

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 #2EA6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA6F1  
}
```

## Border

The CSS property to change the border of an element to Decimal 3057393 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  
#2EA6F1 }
```

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

```
.border{ border-color:#2EA6F1 }
```

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

Here you see how a box with a 4 pixel #2EA6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA6F1; -webkit-box-shadow:4px 4px  
4px 4px #2EA6F1; box-shadow:4px 4px 4px  
4px #2EA6F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 3057393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA6F1 }
```

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

```
.background{ background-color:#2EA6F1 }
```

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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