

# Converting Colors

Decimal(6140393)

Have a look what the booklet for  
Decimal(6140393) contains.

<b>Decimal(6140393)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(6140393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB1E9
RGB	93, 177, 233
RGB Percent	36%, 69%, 91%
CMY	0.6353, 0.3059, 0.0863
CMYK	0.60, 0.24, 0.00, 0.09
HSL	204°, 76%, 64%
HSV	204°, 60%, 91%
XYZ	34.9443, 39.6546, 82.9031
YIQ	158.2680, -68.0400, -0.3920

# Conversions

## Conversions Part 2

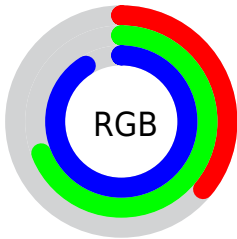
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 146, 233
Decimal	6140393
CIE Lab	69.22, -9.15, -35.69
CIE LCh	69, 36.846, 255.625
Yxy	39.6546, 0.2219, 0.2518
Android (android.graphics.Color)	4284330473 (0xFF5DB1E9)
YUV	158.2680, 36.8429, -57.2400
Hunter-Lab	62.9719, -11.1478, -33.9755

# Details

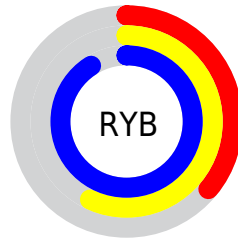
The Decimal color **6140393** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **15308125**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **10086911**, and **425393** is the 20% darker color. If you saturate the color by 10%, you get **4630761**, and if you desaturate by 10%, it is **7650025**.

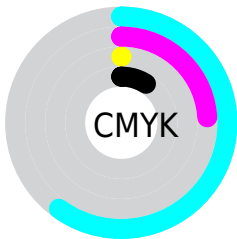
# Distribution



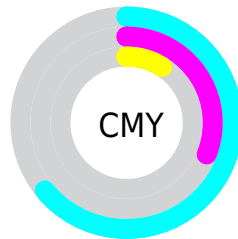
- Red (36%)
- Green (69%)
- Blue (91%)



- Red (36%)
- Yellow (57%)
- Blue (91%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



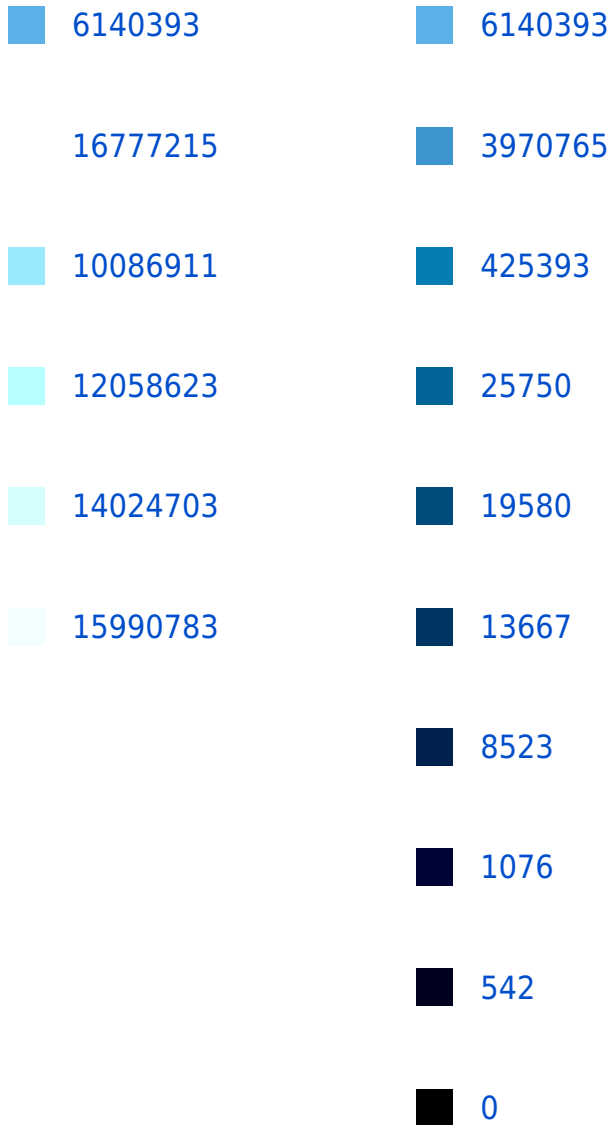
- Cyan (64%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6140393 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 6140393 by changing the saturation by 10% instead.





■ 6140393

■ 6140393

■ 4630761

■ 7650025

■ 3055337

■ 9225449

■ 1545705

■ 10735081

■ 36073

■ 12244713

■ 13820137

■ 15329769

■ 16773865

■ 16776425

■ 16777193

# Harmonies

## Analogous

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



2537688



6140393



9807593

# Triad

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



6140393



15372441



8959353

# Complementary

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



6140393



15308125

# 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.



11447656



6140393



14915195

# Square

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



6140393



14717370



13476200



6208151

# Rectangle

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



6140393



11902687



13476200



9810802

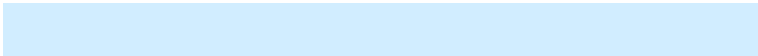


# Sweetspot

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



6140393



13757951



6154645



6517888



0



8421504



# Same Dimension

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



6140393



4699903



6122473



6975861



28085



8246



# Inverse Universe

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



15293873



16730038



15326045



7694961



11862125



3538976



# Previews

## White Background



This preview shows how the Decimal color 6140393 looks on a white background.

## Color Contrast Check

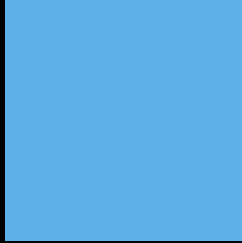
Large Text (above 18pt) WCAG AA × Fail

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 6140393 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 6140393 Background



This preview shows how black text looks on a background with the Decimal color 6140393.



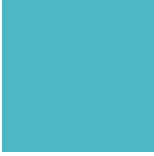
This preview shows how white text looks on a background with the Decimal color 6140393.

# 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](#).

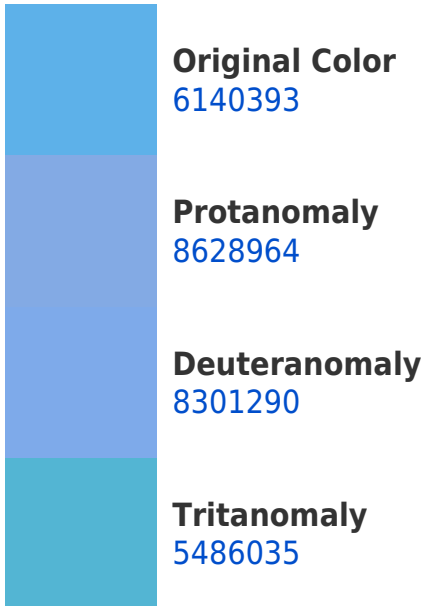
## Dichromacy





**Tritanopia**  
5093318

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6140393 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 #5DB1E9 looks like.

```
.text, #text, p{  
    color:#5DB1E9  
}
```

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 #5DB1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB1E9
}
```

## Border

The CSS property to change the border of an element to Decimal 6140393 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
#5DB1E9 }
```

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

```
.border{ border-color:#5DB1E9 }
```

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

Here you see how a box with a 4 pixel #5DB1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB1E9; -webkit-box-shadow:4px 4px  
4px 4px #5DB1E9; box-shadow:4px 4px 4px  
4px #5DB1E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6140393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB1E9 }
```

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

```
.background{ background-color:#5DB1E9 }
```

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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