

# Converting Colors

Decimal(6399938)

Have a look what the booklet for  
Decimal(6399938) contains.

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# **Color**

**Decimal(6399938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61A7C2
RGB	97, 167, 194
RGB Percent	38%, 65%, 76%
CMY	0.6196, 0.3451, 0.2392
CMYK	0.50, 0.14, 0.00, 0.24
HSL	197°, 44%, 57%
HSV	197°, 50%, 76%
XYZ	28.4861, 34.0739, 56.1145
YIQ	149.1480, -50.3870, -6.4430

# Conversions

## Conversions Part 2

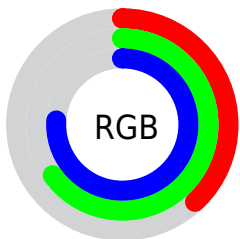
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 138, 194
Decimal	6399938
CIELab	65.02, -14.62, -20.66
CIElCh	65, 25.309, 234.708
Yxy	34.0739, 0.2400, 0.2871
Android (android.graphics.Color)	4284590018 (0xFF61A7C2)
YUV	149.1480, 22.1120, -45.7338
Hunter-Lab	58.3728, -15.0440, -16.1352

# Details

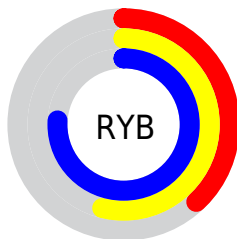
The Decimal color **6399938** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **12745825**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **10084091**, and **2454412** is the 20% darker color. If you saturate the color by 10%, you get **5153474**, and if you desaturate by 10%, it is **7646402**.

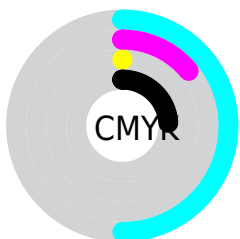
# Distribution



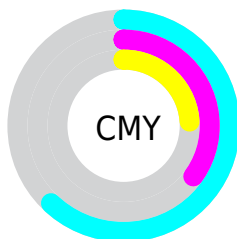
- Red (38%)
- Green (65%)
- Blue (76%)



- Red (38%)
- Yellow (54%)
- Blue (76%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (35%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6399938 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 6399938 by changing the saturation by 10% instead.





6399938



6399938

16777215



4558247



10084091



2454412



11992063



23155



13828095



17242



15794175



11587



6444



280



0



6399938



6399938

■ 5153474

■ 7646402

■ 3841218

■ 8958658

■ 2594754

■ 10205122

■ 1282498

■ 11517378

■ 36034

■ 12763842

■ 14010306

■ 15322562

■ 16569026

■ 16767170

# Harmonies

## Analogous

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



5941936



6399938



8167882

# Triad

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



6399938



13143715



10134132

# Complementary

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



6399938



12745825

# 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.



11705201



6399938



13405836

# Square

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



6399938



12030648



12817274



8431491

# Rectangle

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



6399938



9542857



12817274



10723442

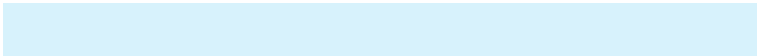


# Sweetspot

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



6399938



14152444



6406779



6912384



0



8421504



# Same Dimension

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



6399938



6673148



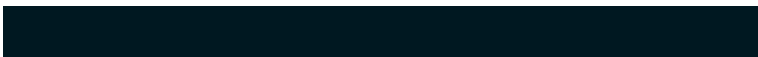
6387906



5725793



29857



6177



# Inverse Universe

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



12738983



16541138



12757857



6379358



10551412



2162712



# Previews

## White Background



This preview shows how the Decimal color 6399938 looks on a white background.

## Color Contrast Check

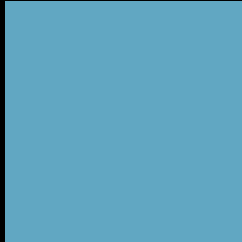
Large Text (above 18pt) WCAG AA × Fail

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 6399938 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

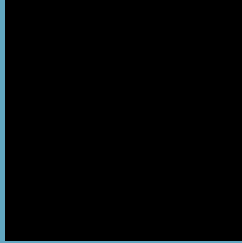
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6399938 Background



This preview shows how black text looks on a background with the Decimal color 6399938.



This preview shows how white text looks on a background with the Decimal color 6399938.

# 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**  
6138295

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6399938 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 #61A7C2 looks like.

```
.text, #text, p{  
  color:#61A7C2  
}
```

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 #61A7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A7C2
}
```

## Border

The CSS property to change the border of an element to Decimal 6399938 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
#61A7C2 }
```

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

```
.border{ border-color:#61A7C2 }
```

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

Here you see how a box with a 4 pixel #61A7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A7C2; -webkit-box-shadow:4px 4px  
4px 4px #61A7C2; box-shadow:4px 4px 4px  
4px #61A7C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6399938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A7C2 }
```

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

```
.background{ background-color:#61A7C2 }
```

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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