

# Converting Colors

Decimal(6330798)

Have a look what the booklet for  
Decimal(6330798) contains.

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# Color

**Decimal(6330798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6099AE
RGB	96, 153, 174
RGB Percent	38%, 60%, 68%
CMY	0.6235, 0.4000, 0.3176
CMYK	0.45, 0.12, 0.00, 0.32
HSL	196°, 32%, 53%
HSV	196°, 45%, 68%
XYZ	23.8551, 28.3253, 44.2544
YIQ	138.3510, -40.7130, -5.5530

# Conversions

## Conversions Part 2

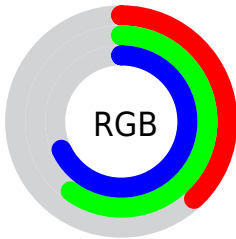
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 129, 174
Decimal	6330798
CIE <sub>Lab</sub>	60.18, -12.98, -16.80
CIE <sub>LCh</sub>	60, 21.228, 232.319
Yxy	28.3253, 0.2474, 0.2937
Android (android.graphics.Color)	4284520878 (0xFF6099AE)
YUV	138.3510, 17.5750, -37.1418
Hunter-Lab	53.2215, -13.1298, -12.0455

# Details

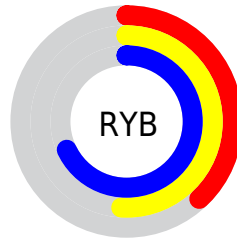
The Decimal color **6330798** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11433312**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9883622**, and **2713210** is the 20% darker color. If you saturate the color by 10%, you get **5215406**, and if you desaturate by 10%, it is **7446190**.

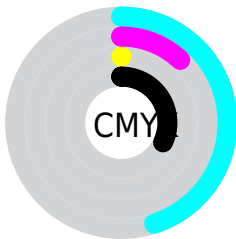
# Distribution



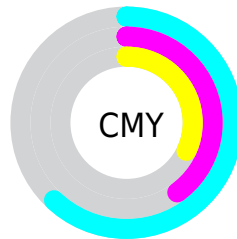
- Red (38%)
- Green (60%)
- Blue (68%)



- Red (38%)
- Yellow (51%)
- Blue (68%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (62%)
- Magenta (40%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6330798 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 6330798 by changing the saturation by 10% instead.



■ 6330798

■ 6330798

16777215

■ 4554643

■ 9883622

■ 2713210

■ 11726079

■ 216673

■ 13631487

■ 14153

■ 15532031

■ 8498

■ 798

■ 0

■ 6330798

■ 6330798

■ 5215406

■ 7446190

■ 4034734

■ 8626862

■ 2919342

■ 9742254

■ 1738414

■ 10923182

■ 623278

■ 12038318

■ 32686

■ 13153710

■ 14334638

■ 15449774

■ 16630702

# Harmonies

## Analogous

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



6003615



6330798



7640246

# Triad

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



6330798



11764887



9475182

# Complementary

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



6330798



11433312

# 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.



10784364



6330798



12027012

# Square

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



6330798



10848424



11700340



8100218

# Rectangle

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



6330798



8753333



11700340



9933420



# Sweetspot

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



6330798



12966883



6336117



6319731



15921906



7566195



# Same Dimension

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



6330798



6865635



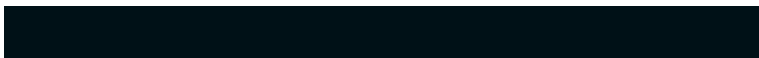
6320814



5133399



28310



4375



# Inverse Universe

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



11427993



14903490



11443296



5721684



9830510



1507345



# Previews

## White Background



This preview shows how the Decimal color 6330798 looks on a white background.

## Color Contrast Check

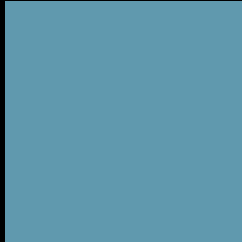
Large Text (above 18pt) WCAG AA ✓ Pass

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 6330798 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

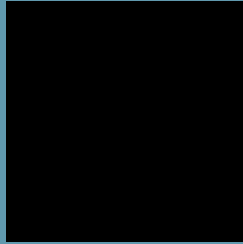
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6330798 Background



This preview shows how black text looks on a background with the Decimal color 6330798.



This preview shows how white text looks on a background with the Decimal color 6330798.

# 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**  
6199975

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6330798 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 #6099AE looks like.

```
.text, #text, p{  
    color:#6099AE  
}
```

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 #6099AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6099AE
}
```

## Border

The CSS property to change the border of an element to Decimal 6330798 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
#6099AE }
```

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

```
.border{ border-color:#6099AE }
```

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

Here you see how a box with a 4 pixel #6099AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6099AE; -webkit-box-shadow:4px 4px  
4px 4px #6099AE; box-shadow:4px 4px 4px  
4px #6099AE }
```

# Background

The CSS property to change the background color of an element to Decimal 6330798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6099AE }
```

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

```
.background{ background-color:#6099AE }
```

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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