

# Converting Colors

Decimal(6332083)

Have a look what the booklet for  
Decimal(6332083) contains.

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# **Color**

**Decimal(6332083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	609EB3
RGB	96, 158, 179
RGB Percent	38%, 62%, 70%
CMY	0.6235, 0.3804, 0.2980
CMYK	0.46, 0.12, 0.00, 0.30
HSL	195°, 35%, 54%
HSV	195°, 46%, 70%
XYZ	25.1874, 30.1952, 47.1486
YIQ	141.8560, -43.6930, -6.6130

# Conversions

## Conversions Part 2

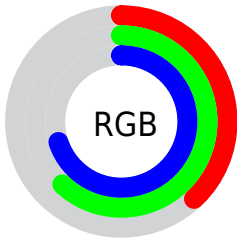
Format	Color
<b>RYB</b>	96, 131, 179
Decimal	6332083
CIELab	61.82, -14.28, -17.13
CIElCh	62, 22.306, 230.184
Yxy	30.1952, 0.2457, 0.2945
Android (android.graphics.Color)	4284522163 (0xFF609EB3)
YUV	141.8560, 18.3120, -40.2157
Hunter-Lab	54.9501, -14.3440, -12.4072

# Details

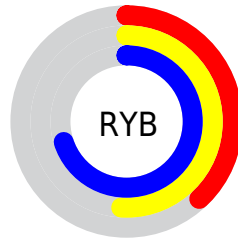
The Decimal color **6332083** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11760992**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9950699**, and **2648958** is the 20% darker color. If you saturate the color by 10%, you get **5151155**, and if you desaturate by 10%, it is **7513011**.

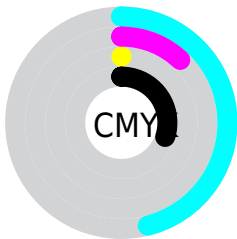
# Distribution



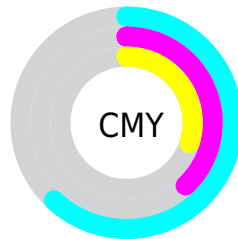
- Red (38%)
- Green (62%)
- Blue (70%)



- Red (38%)
- Yellow (51%)
- Blue (70%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (62%)
- Magenta (38%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6332083 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 6332083 by changing the saturation by 10% instead.



6332083

6332083

16777215

4555928

9950699

2648958

11792895

21093

13631487

15181

15532031

9526

3617

7

0

6332083

6332083

■ 5151155

■ 7513011

■ 3970483

■ 8693683

■ 2789555

■ 9874611

■ 1608883

■ 11055283

■ 493491

■ 12236211

■ 34483

■ 13351347

■ 14532275

■ 15712947

■ 16762803

# Harmonies

## Analogous

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



6135970



6332083



7641532

# Triad

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



6332083



12159133



9869424

# Complementary

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



6332083



11760992

# 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.



11178607



6332083



12486793

# Square

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



6332083



11046063



12094584



8363388

# Rectangle

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



6332083



8885692



12094584



10327662



# Sweetspot

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



6332083



13164776



6337397



6385781



16119285



7697781



# Same Dimension

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



6332083



6735848



6321587



5265241



29337



4890



# Inverse Universe

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



11755678



15230663



11771488



5853271



10027122

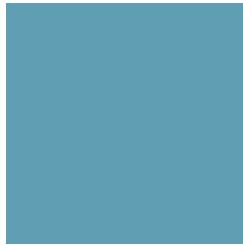


1703955



# Previews

## White Background



This preview shows how the Decimal color 6332083 looks on a white background.

## Color Contrast Check

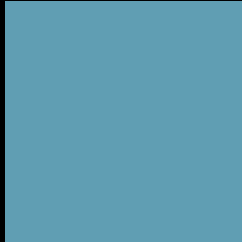
Large Text (above 18pt) WCAG AA × Fail

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 6332083 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 6332083 Background



This preview shows how black text looks on a background with the Decimal color 6332083.



This preview shows how white text looks on a background with the Decimal color 6332083.

# Color Blindness Simulation

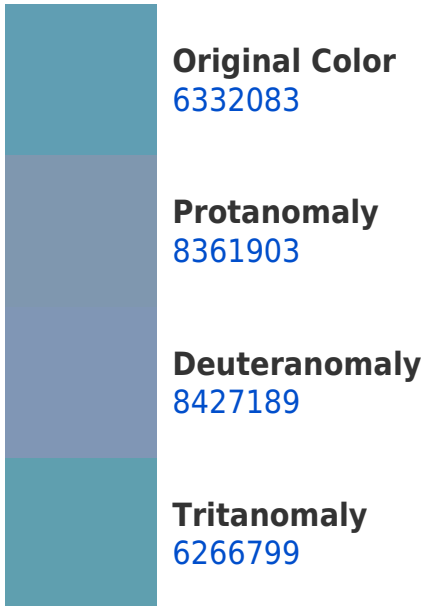
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6332083 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 #609EB3 looks like.

```
.text, #text, p{  
    color:#609EB3  
}
```

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 #609EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #609EB3
}
```

## Border

The CSS property to change the border of an element to Decimal 6332083 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
#609EB3 }
```

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

```
.border{ border-color:#609EB3 }
```

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

Here you see how a box with a 4 pixel #609EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #609EB3; -webkit-box-shadow:4px 4px  
4px 4px #609EB3; box-shadow:4px 4px 4px  
4px #609EB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6332083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#609EB3 }
```

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

```
.background{ background-color:#609EB3 }
```

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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