

# Converting Colors

Decimal(960188)

Have a look what the booklet for  
Decimal(960188) contains.

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# **Color**

**Decimal(960188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA6BC
RGB	14, 166, 188
RGB Percent	5%, 65%, 74%
CMY	0.9451, 0.3490, 0.2627
CMYK	0.93, 0.12, 0.00, 0.26
HSL	188°, 86%, 40%
HSV	188°, 93%, 74%
XYZ	22.8944, 30.9966, 52.3532
YIQ	123.0600, -97.6540, -25.3820

# Conversions

## Conversions Part 2

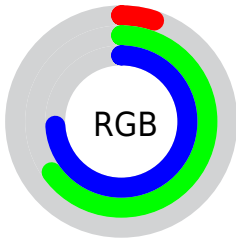
Format	Color
<b>RYB</b>	14, 95, 188
Decimal	960188
CIELab	62.50, -27.28, -21.33
CIELCh	63, 34.631, 218.020
Yxy	30.9966, 0.2155, 0.2917
Android (android.graphics.Color)	4279150268 (0xFF0EA6BC)
YUV	123.0600, 32.0154, -95.6456
Hunter-Lab	55.6746, -24.0281, -16.7807

# Details

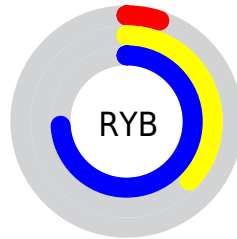
The Decimal color **960188** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12329998**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6675956**, and **29319** is the 20% darker color. If you saturate the color by 10%, you get **42172**, and if you desaturate by 10%, it is **2205884**.

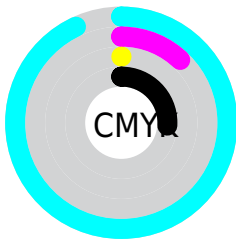
# Distribution



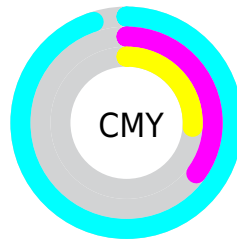
- Red (5%)
- Green (65%)
- Blue (74%)



- Red (5%)
- Yellow (37%)
- Blue (74%)



- Cyan (93%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (95%)
- Magenta (35%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 960188 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 960188 by changing the saturation by 10% instead.





960188



960188

16777215



35745



6675956



29319



8715007



22893



10747903



16725



12779519



10814



14745599



4648



274



0



960188



960188

■ 42172

■ 2205884

■ 3451836

■ 4631996

■ 5877948

■ 7123644

■ 8369340

■ 9615292

■ 10795452

■ 12041148

# Harmonies

## Analogous

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



3188895



960188



4366799

# Triad

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



960188



12944303



10721369

# Complementary

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



960188



12329998

# 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.



12488031



960188



13860752

# Square

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



960188



10849480



13665395



8560742

# Rectangle

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



960188



6790100



13665395



11375961



# Sweetspot

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



960188



11594997



965666



5338490



16448250



8026746



# Same Dimension

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



960188



55029



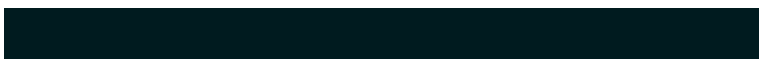
938428



5594462



35486



6943



# Inverse Universe

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



12324518



16056534



12351758



6182237



10354826



2031643



# Previews

## White Background



This preview shows how the Decimal color 960188 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 960188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

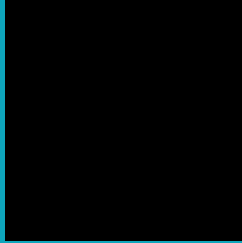
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 960188 Background



This preview shows how black text looks on a background with the Decimal color 960188.

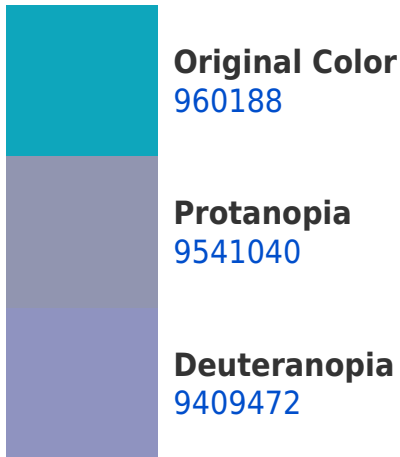


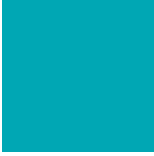
This preview shows how white text looks on a background with the Decimal color 960188.

# 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



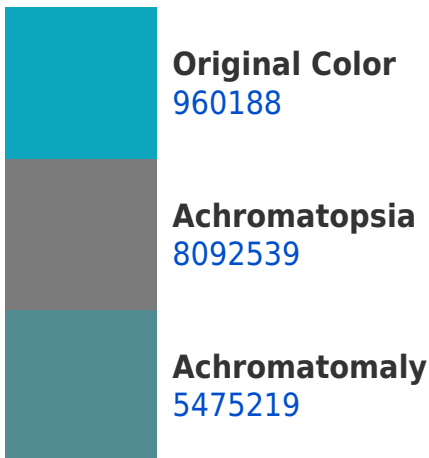


**Tritanopia**  
42932

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 960188 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 #0EA6BC looks like.

```
.text, #text, p{  
    color:#0EA6BC  
}
```

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 #0EA6BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA6BC
}
```

## Border

The CSS property to change the border of an element to Decimal 960188 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
#0EA6BC }
```

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

```
.border{ border-color:#0EA6BC }
```

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

Here you see how a box with a 4 pixel #0EA6BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA6BC; -webkit-box-shadow:4px 4px  
4px 4px #0EA6BC; box-shadow:4px 4px 4px  
4px #0EA6BC }
```

# Background

The CSS property to change the background color of an element to Decimal 960188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA6BC }
```

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

```
.background{ background-color:#0EA6BC }
```

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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