

# Converting Colors

Decimal(960149)

Have a look what the booklet for  
Decimal(960149) contains.

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# Color

**Decimal(960149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA695
RGB	14, 166, 149
RGB Percent	5%, 65%, 58%
CMY	0.9451, 0.3490, 0.4157
CMYK	0.92, 0.00, 0.10, 0.35
HSL	173°, 84%, 35%
HSV	173°, 92%, 65%
XYZ	19.2421, 29.5357, 33.1206
YIQ	118.6140, -85.1350, -37.5110

# Conversions

## Conversions Part 2

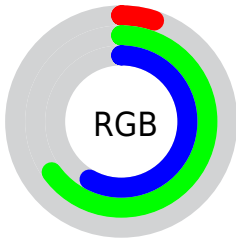
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 95, 166
Decimal	960149
CIELab	61.25, -39.39, -1.31
CIELCh	61, 39.412, 181.911
Yxy	29.5357, 0.2350, 0.3606
Android (android.graphics.Color)	4279150229 (0xFF0EA695)
YUV	118.6140, 14.9803, -91.7465
Hunter-Lab	54.3468, -31.9068, 1.9096

# Details

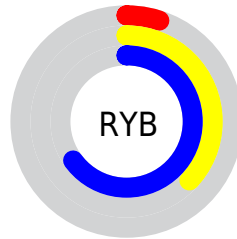
The Decimal color **960149** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10882591**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6348491**, and **29026** is the 20% darker color. If you saturate the color by 10%, you get **42643**, and if you desaturate by 10%, it is **2074263**.

# Distribution



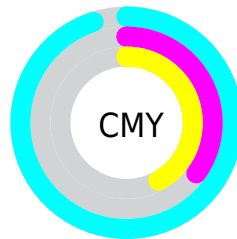
- Red (5%)
- Green (65%)
- Blue (58%)



- Red (5%)
- Yellow (37%)
- Blue (65%)



- Cyan (92%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (95%)
- Magenta (35%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 960149 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 960149 by changing the saturation by 10% instead.




 960149  960149

16777215  35707

 6348491  29026

 8322023  22603

 10289151  16436

 12255231  10783

 14221311  2312

 16252927  0

 960149  960149

 42643  2074263

■ 3122841

■ 4236955

■ 5285532

■ 6399646

■ 7513760

■ 8562338

■ 9676452

■ 10725030

# Harmonies

## Analogous

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



5809010



960149



42424

# Triad

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



960149



10128079



12879447

# Complementary

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



960149



10882591

# 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.



13990769



960149



12680885

# Square

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



960149



6330329



13990035



10982221

# Rectangle

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



960149



41674



13990035



13337182



# Sweetspot

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



960149



10410450



2139662



4943466



15592941



7237230



# Same Dimension

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



960149



55745



945318



5002323



38019



5138



# Inverse Universe

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



10882591



14221336



10897422



5524557



9699345



1310722



# Previews

## White Background



This preview shows how the Decimal color 960149 looks on a white background.

## Color Contrast Check

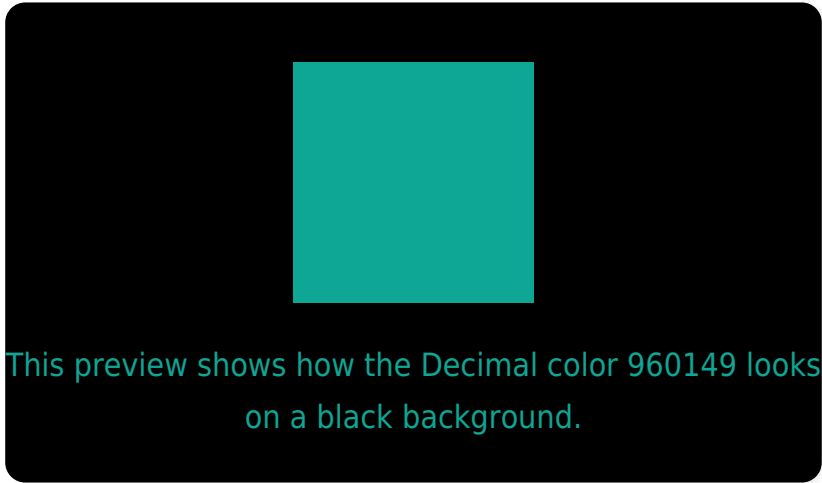
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

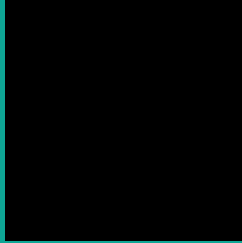
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 960149 Background



This preview shows how black text looks on a background with the Decimal color 960149.

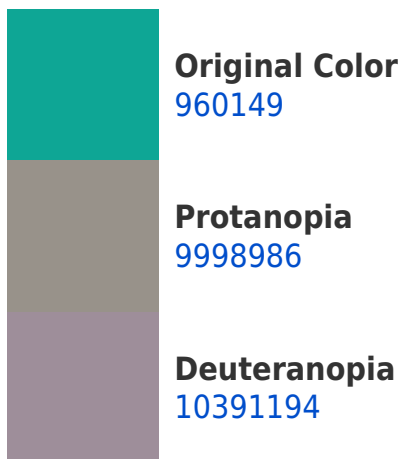


This preview shows how white text looks on a background with the Decimal color 960149.

# 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**  
2925231

# Trichromacy



**Original Color**  
960149



**Protanomaly**  
6723982



**Deuteranomaly**  
6985624



**Tritanomaly**  
2204582

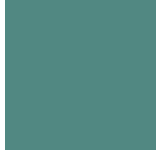
# Monochromacy



**Original Color**  
960149



**Achromatopsia**  
7829367



**Achromatomaly**  
5343362

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 960149 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 #0EA695 looks like.

```
.text, #text, p{  
    color:#0EA695  
}
```

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 #0EA695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA695
}
```

## Border

The CSS property to change the border of an element to Decimal 960149 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
#0EA695 }
```

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

```
.border{ border-color:#0EA695 }
```

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

Here you see how a box with a 4 pixel #0EA695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA695; -webkit-box-shadow:4px 4px  
4px 4px #0EA695; box-shadow:4px 4px 4px  
4px #0EA695 }
```

# Background

The CSS property to change the background color of an element to Decimal 960149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA695 }
```

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

```
.background{ background-color:#0EA695 }
```

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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