

# Converting Colors

Decimal(4940149)

Have a look what the booklet for  
Decimal(4940149) contains.

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# Color

**Decimal(4940149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B6175
RGB	75, 97, 117
RGB Percent	29%, 38%, 46%
CMY	0.7059, 0.6196, 0.5412
CMYK	0.36, 0.17, 0.00, 0.54
HSL	209°, 22%, 38%
HSV	209°, 36%, 46%
XYZ	10.3872, 11.3296, 18.4690
YIQ	92.7020, -19.5320, 1.5560

# Conversions

## Conversions Part 2

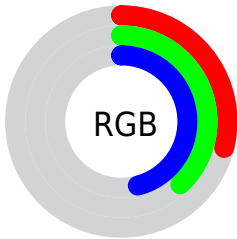
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 89, 117
Decimal	4940149
CIELab	40.13, -2.89, -13.93
CIElCh	40, 14.231, 258.286
Yxy	11.3296, 0.2585, 0.2819
Android (android.graphics.Color)	4283130229 (0xFF4B6175)
YUV	92.7020, 11.9789, -15.5247
Hunter-Lab	33.6595, -3.8194, -8.9709

# Details

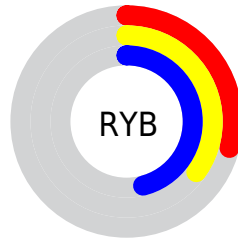
The Decimal color **4940149** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7692107**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8230057**, and **1848133** is the 20% darker color. If you saturate the color by 10%, you get **4152181**, and if you desaturate by 10%, it is **5728117**.

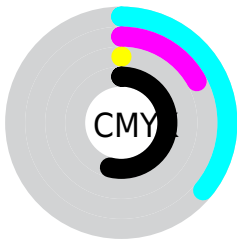
# Distribution



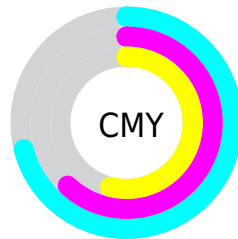
- Red (29%)
- Green (38%)
- Blue (46%)



- Red (29%)
- Yellow (35%)
- Blue (46%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (62%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4940149 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 4940149 by changing the saturation by 10% instead.



■ 4940149

■ 4940149

16777215

■ 3361116

■ 8230057

■ 1848133

■ 9940676

■ 269870

■ 11782624

■ 538

■ 13559549

■ 0

■ 15466495

■ 4940149

■ 4940149

■ 4152181

■ 5728117

■ 3430005

■ 6450293

■ 2642037

■ 7238261

■ 1854325

■ 8025973

■ 1131893

■ 8748405

■ 344181

■ 9536117

■ 15733

■ 10324085

■ 11112053

■ 11834229

# Harmonies

## Analogous

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



4220015



4940149



5987700

# Triad

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



4940149



7820888



5464911

# Complementary

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



4940149



7692107

# 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.



6316104



4940149



7625038

# Square

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



4940149



7559012



7101512



4613465

# Rectangle

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



4940149



6642545



7101512



5726796



# Sweetspot

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



4940149



8950169



4945247



4409421



13421772



5066061



# Same Dimension

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



4940149



5733017



4934773



3487803



16506



33786



# Inverse Universe

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



7687009



10049402



7697483



3880248



7995456



16384131



# Previews

## White Background



This preview shows how the Decimal color 4940149 looks on a white background.

## Color Contrast Check

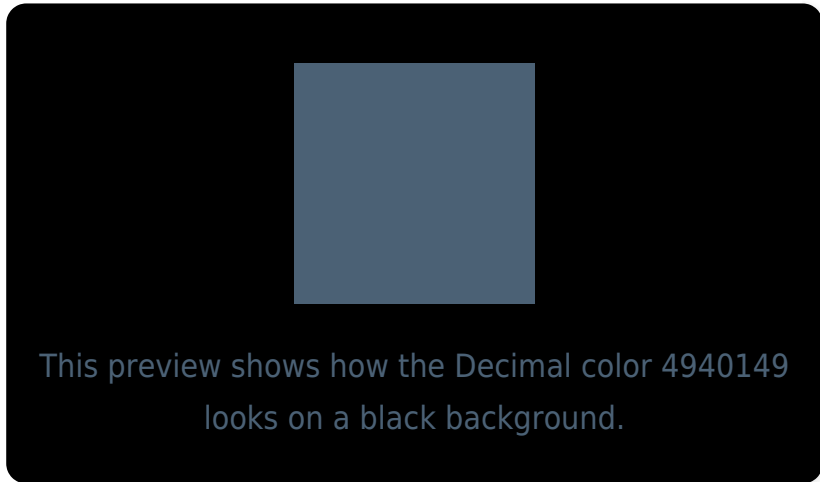
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

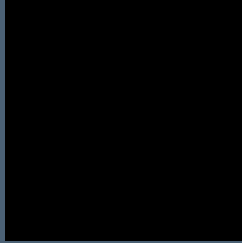
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

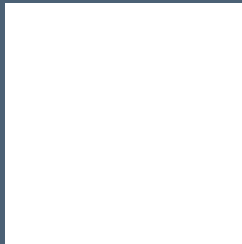
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4940149 Background



This preview shows how black text looks on a background with the Decimal color 4940149.

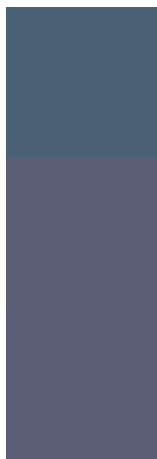


This preview shows how white text looks on a background with the Decimal color 4940149.

# 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



**Original Color**

4940149

**Protanopia**

5922163

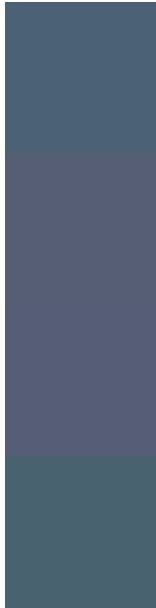
**Deuteranopia**

5987446



**Tritanopia**  
4744043

# Trichromacy



**Original Color**  
4940149

**Protanomaly**  
5594740

**Deuteranomaly**  
5594742

**Tritanomaly**  
4809327

# Monochromacy



**Original Color**  
4940149

**Achromatopsia**  
6118749

**Achromatomaly**  
5660262

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4940149 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 #4B6175 looks like.

```
.text, #text, p{  
    color:#4B6175  
}
```

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 #4B6175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6175
}
```

## Border

The CSS property to change the border of an element to Decimal 4940149 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
#4B6175 }
```

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

```
.border{ border-color:#4B6175 }
```

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

Here you see how a box with a 4 pixel #4B6175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6175; -webkit-box-shadow:4px 4px  
4px 4px #4B6175; box-shadow:4px 4px 4px  
4px #4B6175 }
```

# Background

The CSS property to change the background color of an element to Decimal 4940149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6175 }
```

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

```
.background{ background-color:#4B6175 }
```

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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