

# Converting Colors

Decimal(4946576)

Have a look what the booklet for  
Decimal(4946576) contains.

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# Color

**Decimal(4946576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7A90
RGB	75, 122, 144
RGB Percent	29%, 48%, 56%
CMY	0.7059, 0.5216, 0.4353
CMYK	0.48, 0.15, 0.00, 0.44
HSL	199°, 32%, 43%
HSV	199°, 48%, 56%
XYZ	14.8952, 17.4285, 28.9645
YIQ	110.4550, -35.0740, -3.1220

# Conversions

## Conversions Part 2

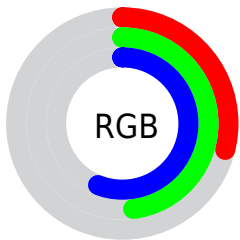
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 103, 144
Decimal	4946576
CIE <sub>Lab</sub>	48.80, -9.72, -16.91
CIE <sub>LCh</sub>	49, 19.505, 240.110
Yxy	17.4285, 0.2430, 0.2844
Android (android.graphics.Color)	4283136656 (0xFF4B7A90)
YUV	110.4550, 16.5377, -31.0940
Hunter-Lab	41.7475, -9.3705, -11.9123

# Details

The Decimal color **4946576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9462091**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **8433350**, and **1329502** is the 20% darker color. If you saturate the color by 10%, you get **4027792**, and if you desaturate by 10%, it is **5865360**.

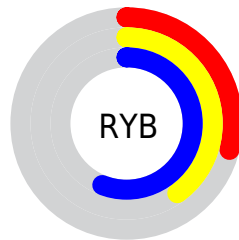
# Distribution



Red (29%)

Green (48%)

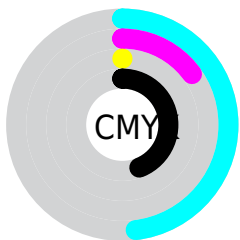
Blue (56%)



Red (29%)

Yellow (40%)

Blue (56%)

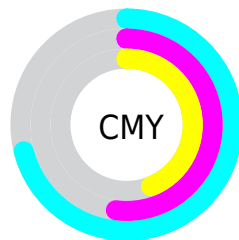


Cyan (48%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (52%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4946576 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 4946576 by changing the saturation by 10% instead.



■ 4946576

■ 4946576

16777215

■ 3236214

■ 8433350

■ 1329502

■ 10210018

■ 13126

■ 11986687

■ 7727

■ 13893631

■ 283

■ 15794175

■ 0

■ 4946576

■ 4946576

■ 4027792

■ 5865360

■ 3043728

■ 6849424

■ 2124944

■ 7768208

■ 1140880

■ 8752272

■ 222096

■ 9671056

■ 25232

■ 10589840

■ 11573904

■ 12492688

■ 13476752

# Harmonies

## Analogous

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



4423044



4946576



6321557

# Triad

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



4946576



9726068



7239767

# Complementary

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



4946576



9462091

# 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.



8418131



4946576



9791844

# Square

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



4946576



9005957



9334104



5995619

# Rectangle

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



4946576



7303827



9334104



7632469



# Sweetspot

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



4946576



10531514



4952161



5134686



14606046



6184542



# Same Dimension

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



4946576



5150906



4937872



4212039



23687



1288



# Inverse Universe

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



9456506



12209816



9470795



4669509



8847452



524293



# Previews

## White Background



This preview shows how the Decimal color 4946576 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



This preview shows how the Decimal color 4946576 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

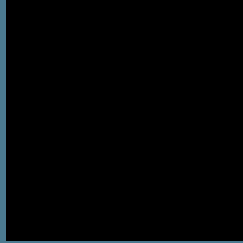
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

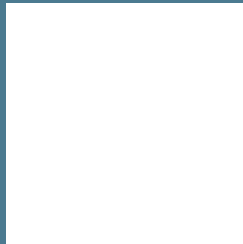
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4946576 Background



This preview shows how black text looks on a background with the Decimal color 4946576.

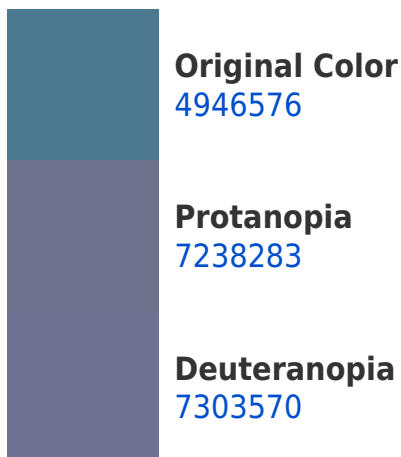


This preview shows how white text looks on a background with the Decimal color 4946576.

# 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**  
4750470

# Trichromacy



**Original Color**

4946576

**Protanomaly**

6387085

**Deuteranomaly**

6452369

**Tritanomaly**

4815754

# Monochromacy



**Original Color**

4946576

**Achromatopsia**

7237230

**Achromatomaly**

6386298

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4946576 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 #4B7A90 looks like.

```
.text, #text, p{  
    color:#4B7A90  
}
```

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 #4B7A90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7A90
}
```

## Border

The CSS property to change the border of an element to Decimal 4946576 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
#4B7A90 }
```

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

```
.border{ border-color:#4B7A90 }
```

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

Here you see how a box with a 4 pixel #4B7A90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7A90; -webkit-box-shadow:4px 4px  
4px 4px #4B7A90; box-shadow:4px 4px 4px  
4px #4B7A90 }
```

# Background

The CSS property to change the background color of an element to Decimal 4946576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7A90 }
```

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

```
.background{ background-color:#4B7A90 }
```

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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