

# Converting Colors

Decimal(4946609)

Have a look what the booklet for  
Decimal(4946609) contains.

<b>Decimal(4946609)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4946609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B7AB1
RGB	75, 122, 177
RGB Percent	29%, 48%, 69%
CMY	0.7059, 0.5216, 0.3059
CMYK	0.58, 0.31, 0.00, 0.31
HSL	212°, 40%, 49%
HSV	212°, 58%, 69%
XYZ	17.7970, 18.5892, 44.2451
YIQ	114.2170, -45.6670, 7.1410

# Conversions

## Conversions Part 2

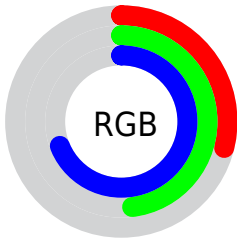
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 107, 177
Decimal	4946609
CIELab	50.20, 0.69, -33.99
CIElCh	50, 34.001, 271.163
Yxy	18.5892, 0.2207, 0.2305
Android (android.graphics.Color)	4283136689 (0xFF4B7AB1)
YUV	114.2170, 30.9520, -34.3933
Hunter-Lab	43.1152, -1.7709, -30.6630

# Details

The Decimal color **4946609** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11633227**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **8629993**, and **19068** is the 20% darker color. If you saturate the color by 10%, you get **3764401**, and if you desaturate by 10%, it is **6128817**.

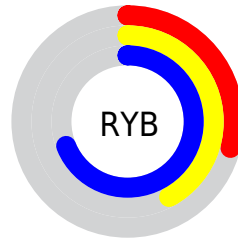
# Distribution



Red (29%)

Green (48%)

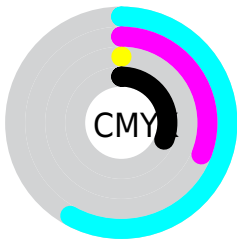
Blue (69%)



Red (29%)

Yellow (42%)

Blue (69%)

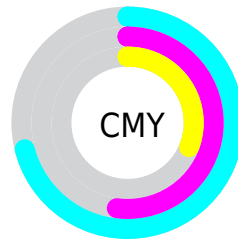


Cyan (58%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (71%)

Magenta (52%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4946609 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 4946609 by changing the saturation by 10% instead.



■ 4946609

■ 4946609

16777215

■ 2974102

■ 8629993

■ 19068

■ 10471935

■ 13155

■ 12379647

■ 8011

■ 14286847

■ 1332

■ 16187391

■ 542

■ 0

■ 4946609

■ 4946609

■ 3764401

■ 6128817

■ 2647985

■ 7245233

■ 1465777

■ 8427441

■ 283825

■ 9609393

■ 21169

■ 10726065

■ 11908017

■ 13090225

■ 14272177

■ 15388849

# Harmonies

## Analogous

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



33449



4946609



8155049

# Triad

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



4946609



11363163



4686939

# Complementary

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



4946609



11633227

# 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.



6979397



4946609



10513477

# Square

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



4946609



11362423



8943164



624248

# Rectangle

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



4946609



9660572



8943164



5473106



# Sweetspot

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



4946609



12505318



4960641



6055539



15921906



7566195



# Same Dimension

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



4946609



4690150



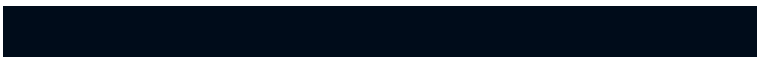
5131185



5264473



18329



3098



# Inverse Universe

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



11619194



15091600



11448651



5853268



10027078

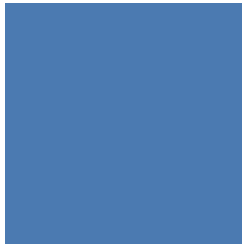


1703948



# Previews

## White Background



This preview shows how the Decimal color 4946609 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



This preview shows how the Decimal color 4946609 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

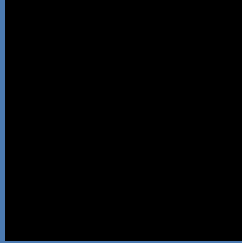
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4946609 Background



This preview shows how black text looks on a background with the Decimal color 4946609.



This preview shows how white text looks on a background with the Decimal color 4946609.

# Color Blindness Simulation

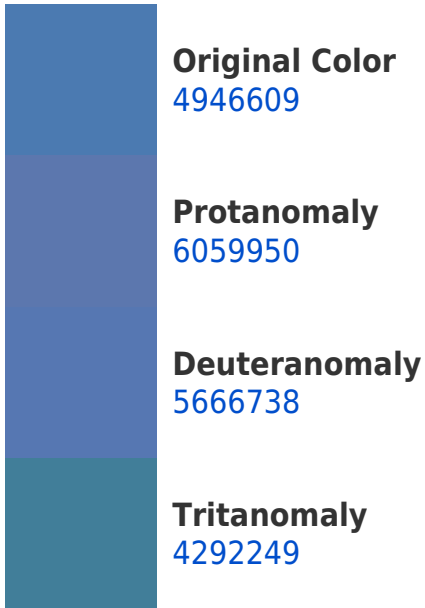
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4946609 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 #4B7AB1 looks like.

```
.text, #text, p{  
  color:#4B7AB1  
}
```

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 #4B7AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7AB1
}
```

## Border

The CSS property to change the border of an element to Decimal 4946609 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
#4B7AB1 }
```

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

```
.border{ border-color:#4B7AB1 }
```

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

Here you see how a box with a 4 pixel #4B7AB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7AB1; -webkit-box-shadow:4px 4px  
4px 4px #4B7AB1; box-shadow:4px 4px 4px  
4px #4B7AB1 }
```

# Background

The CSS property to change the background color of an element to Decimal 4946609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7AB1 }
```

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

```
.background{ background-color:#4B7AB1 }
```

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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