

# Converting Colors

Decimal(5208492)

Have a look what the booklet for  
Decimal(5208492) contains.

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# Color

**Decimal(5208492)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F79AC
RGB	79, 121, 172
RGB Percent	31%, 47%, 67%
CMY	0.6902, 0.5255, 0.3255
CMYK	0.54, 0.30, 0.00, 0.33
HSL	213°, 37%, 49%
HSV	213°, 54%, 67%
XYZ	17.5082, 18.3156, 41.6422
YIQ	114.2560, -41.4030, 6.9570

# Conversions

## Conversions Part 2

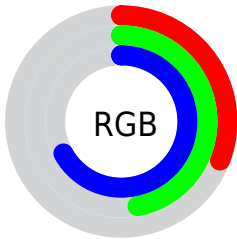
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 108, 172
Decimal	5208492
CIE <sub>Lab</sub>	49.88, 0.54, -31.59
CIE <sub>LCh</sub>	50, 31.598, 270.982
Yxy	18.3156, 0.2260, 0.2364
Android (android.graphics.Color)	4283398572 (0xFF4F79AC)
YUV	114.2560, 28.4678, -30.9195
Hunter-Lab	42.7967, -1.8695, -27.7329

# Details

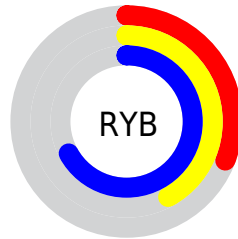
The Decimal color **5208492** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11305551**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **8826340**, and **1001847** is the 20% darker color. If you saturate the color by 10%, you get **4092076**, and if you desaturate by 10%, it is **6324908**.

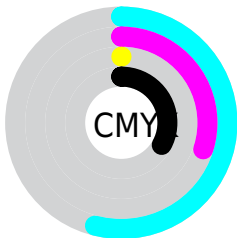
# Distribution



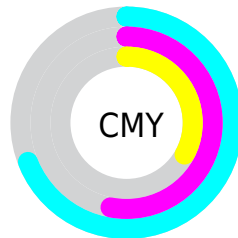
- Red (31%)
- Green (47%)
- Blue (67%)



- Red (31%)
- Yellow (42%)
- Blue (67%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (53%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5208492 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 5208492 by changing the saturation by 10% instead.





5208492



5208492

16777215



3367057



8826340



1001847



10668287



13150



12510463



7750



14417919



1072



16318463



282



0



5208492



5208492



4092076



6324908

■ 2975404

■ 7441580

■ 1793452

■ 8623532

■ 676780

■ 9740204

■ 20140

■ 10856620

■ 11973292

■ 13089708

■ 14271660

■ 15388332

# Harmonies

## Analogous

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



1081509



5208492



8023973

# Triad

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



5208492



11101276



4883036

# Complementary

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



5208492



1130551

# 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.



7044423



5208492



10316872

# Square

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



5208492



11100535



8877376



2065783

# Rectangle

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



5208492



9464217



8877376



5669204



# Sweetspot

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



5208492



12373472



5221505



5989744



15790320



7368816



# Same Dimension

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



5208492



5214432



5394348



5132887



17558



2583



# Inverse Universe

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



11292537



14700432



11119695



5721682



9830468



1507338



# Previews

## White Background



This preview shows how the Decimal color 5208492 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 5208492 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 5208492 Background



This preview shows how black text looks on a background with the Decimal color 5208492.

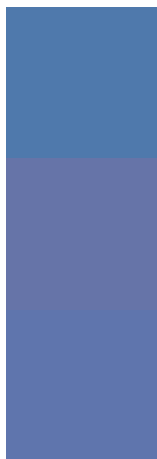


This preview shows how white text looks on a background with the Decimal color 5208492.

# 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**  
5208492

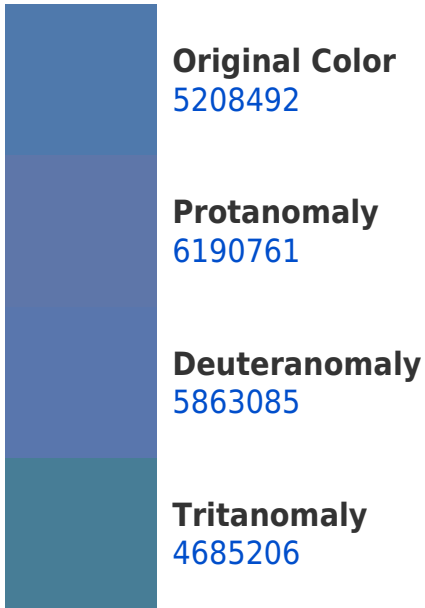
**Protanopia**  
6714536

**Deuteranopia**  
6256045



**Tritanopia**  
4423818

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5208492 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 #4F79AC looks like.

```
.text, #text, p{  
    color:#4F79AC  
}
```

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 #4F79AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F79AC
}
```

## Border

The CSS property to change the border of an element to Decimal 5208492 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
#4F79AC }
```

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

```
.border{ border-color:#4F79AC }
```

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

Here you see how a box with a 4 pixel #4F79AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F79AC; -webkit-box-shadow:4px 4px  
4px 4px #4F79AC; box-shadow:4px 4px 4px  
4px #4F79AC }
```

# Background

The CSS property to change the background color of an element to Decimal 5208492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F79AC }
```

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

```
.background{ background-color:#4F79AC }
```

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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