

# Converting Colors

Decimal(4550292)

Have a look what the booklet for  
Decimal(4550292) contains.

<b>Decimal(4550292)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4550292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	456E94
RGB	69, 110, 148
RGB Percent	27%, 43%, 58%
CMY	0.7294, 0.5686, 0.4196
CMYK	0.53, 0.26, 0.00, 0.42
HSL	209°, 36%, 43%
HSV	209°, 53%, 58%
XYZ	13.3755, 14.5552, 30.1214
YIQ	102.0730, -36.6340, 3.1260

# Conversions

## Conversions Part 2

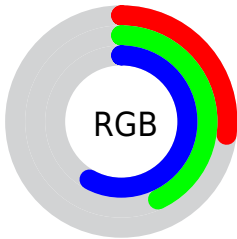
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	69, 96, 148
Decimal	4550292
CIE Lab	45.02, -2.94, -25.11
CIE LCh	45, 25.284, 263.322
Yxy	14.5552, 0.2304, 0.2507
Android (android.graphics.Color)	4282740372 (0xFF456E94)
YUV	102.0730, 22.6420, -29.0050
Hunter-Lab	38.1513, -4.1843, -20.1052

# Details

The Decimal color **4550292** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9726789**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **8036810**, and **409441** is the 20% darker color. If you saturate the color by 10%, you get **3565460**, and if you desaturate by 10%, it is **5535124**.

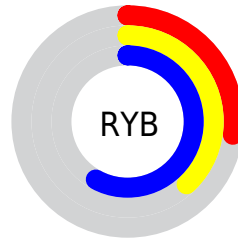
# Distribution



Red (27%)

Green (43%)

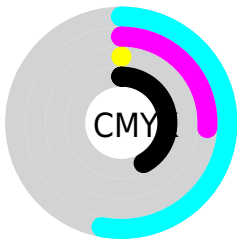
Blue (58%)



Red (27%)

Yellow (38%)

Blue (58%)

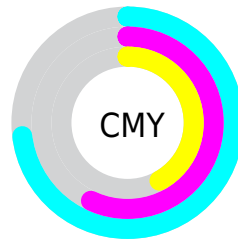


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (42%)



Cyan (73%)

Magenta (57%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4550292 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 4550292 by changing the saturation by 10% instead.



■ 4550292

■ 4550292

16777215

■ 2774650

■ 8036810

■ 409441

■ 9813222

■ 10569

■ 11655423

■ 5426

■ 13563391

■ 541

■ 15400959

■ 0

■ 4550292

■ 4550292

■ 3565460

■ 5535124

■ 2580628

■ 6519956

■ 1661332

■ 7439252

■ 676500

■ 8424084

■ 19860

■ 9409172

■ 10394004

■ 11378836

■ 12298132

■ 13282964

# Harmonies

## Analogous

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



2388876



4550292



6711185

# Triad

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



4550292



9722715



5206865

# Complementary

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



4550292



9726789

# 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.



6843971



4550292



9265225

# Square

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



4550292



9460592



8218689



3503717

# Rectangle

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



4550292



7955081



8218689



5796427



# Sweetspot

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



4550292



10596799



4559978



5134433



14737632



6381921



# Same Dimension

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



4550292



4555967



4540564



4408906



18314



1290



# Inverse Universe

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



9717102



12535172



9736517



4866886



9044039



655365



# Previews

## White Background



This preview shows how the Decimal color 4550292 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 4550292 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

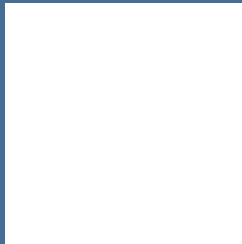
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4550292 Background



This preview shows how black text looks on a background with the Decimal color 4550292.

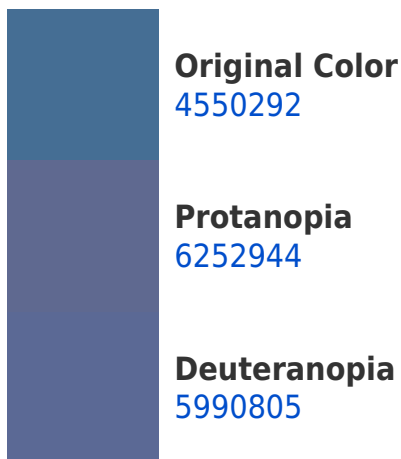



This preview shows how white text looks on a background with the Decimal color 4550292.

# 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**  
3961468

# Trichromacy



**Original Color**  
4550292

**Protanomaly**  
5663633

**Deuteranomaly**  
5467029

**Tritanomaly**  
4157829

# Monochromacy



**Original Color**  
4550292

**Achromatopsia**  
6710886

**Achromatomaly**  
5925239

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4550292 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 #456E94 looks like.

```
.text, #text, p{  
    color:#456E94  
}
```

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 #456E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456E94
}
```

## Border

The CSS property to change the border of an element to Decimal 4550292 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
#456E94 }
```

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

```
.border{ border-color:#456E94 }
```

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

Here you see how a box with a 4 pixel #456E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456E94; -webkit-box-shadow:4px 4px  
4px 4px #456E94; box-shadow:4px 4px 4px  
4px #456E94 }
```

# Background

The CSS property to change the background color of an element to Decimal 4550292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456E94 }
```

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

```
.background{ background-color:#456E94 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor