

Converting Colors

Decimal(5209466)

Have a look what the booklet for
Decimal(5209466) contains.

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Color

Decimal(5209466)

Conversions

Conversions Part 1

Format	Color
Hex	4F7D7A
RGB	79, 125, 122
RGB Percent	31%, 49%, 48%
CMY	0.6902, 0.5098, 0.5216
CMYK	0.37, 0.00, 0.02, 0.51
HSL	176°, 23%, 40%
HSV	176°, 37%, 49%
XYZ	14.0709, 17.7346, 21.0939
YIQ	110.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

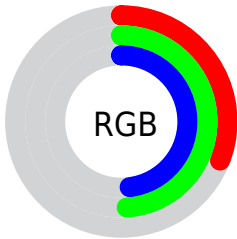
Format	Color
R_{YB}	79, 103, 125
Decimal	5209466
CIE _{Lab}	49.17, -16.41, -3.36
CIE _{LCh}	49, 16.753, 191.565
Yxy	17.7346, 0.2660, 0.3353
Android (android.graphics.Color)	4283399546 (0xFF4F7D7A)
YUV	110.9040, 5.4703, -27.9798
Hunter-Lab	42.1125, -14.0553, -0.2192

Details

The Decimal color **5209466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8212306**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8565422**, and **1920073** is the 20% darker color. If you saturate the color by 10%, you get **4423033**, and if you desaturate by 10%, it is **6061435**.

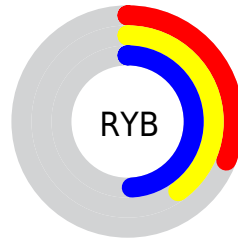
Distribution



Red (31%)

Green (49%)

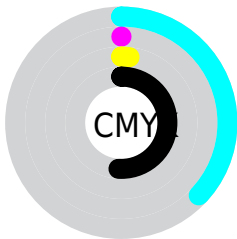
Blue (48%)



Red (31%)

Yellow (40%)

Blue (49%)

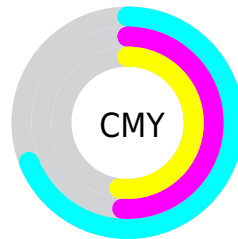


Cyan (37%)

Magenta (0%)

Yellow (2%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5209466 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 5209466 by changing the saturation by 10% instead.

■ 5209466

■ 5209466

16777215

■ 3564641

■ 8565422

■ 1920073

■ 10341834

■ 79155

■ 12118758

■ 8222

■ 14024703

■ 5

■ 15859711

■ 0

■ 5209466

■ 5209466

■ 4423033

■ 6061435

■ 3571064

■ 6847868

■ 2784632

■ 7699836

■ 1932663

■ 8486269

■ 1146230

■ 9338238

■ 294261

■ 10124671

■ 32117

■ 10976640

■ 11763073

■ 12615041

Harmonies

Analogous

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



5930091



5209466



5143687

Triad

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



5209466



8286090



8876378

Complementary

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



5209466



8212306

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.



9465187



5209466



9202814

Square

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



5209466



7107728



9595760



8025689

Rectangle

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



5209466



5536397



9595760



9138012

Sweetspot

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



5209466



9544610



5406031



4674129



13750737



5395026

Same Dimension

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



5209466



6005663



5204349



3751999



32887



0

Inverse Universe

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



8212306



10705760



8217423



4208954



8388616



0

Previews

White Background



This preview shows how the Decimal color 5209466 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 5209466 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 5209466 Background



This preview shows how black text looks on a background with the Decimal color 5209466.

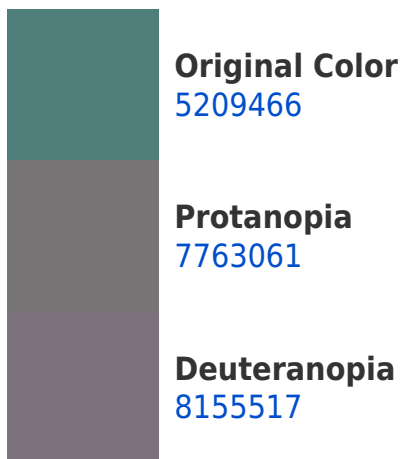


This preview shows how white text looks on a background with the Decimal color 5209466.

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](#).

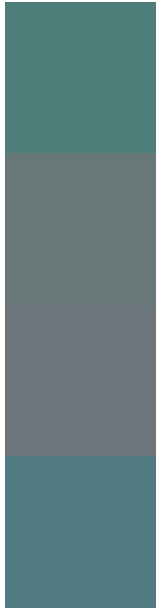
Dichromacy





Tritanopia
5405573

Trichromacy



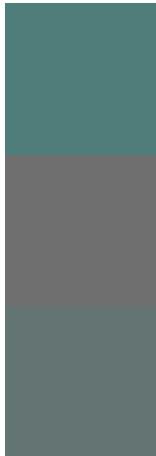
Original Color
5209466

Protanomaly
6846327

Deuteranomaly
7107964

Tritanomaly
5340289

Monochromacy



Original Color
5209466

Achromatopsia
7303023

Achromatomaly
6517875

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5209466 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 #4F7D7A looks like.

```
.text, #text, p{  
    color:#4F7D7A  
}
```

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 #4F7D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7D7A
}
```

Border

The CSS property to change the border of an element to Decimal 5209466 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
#4F7D7A }
```

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

```
.border{ border-color:#4F7D7A }
```

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

Here you see how a box with a 4 pixel #4F7D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7D7A; -webkit-box-shadow:4px 4px  
4px 4px #4F7D7A; box-shadow:4px 4px 4px  
4px #4F7D7A }
```

Background

The CSS property to change the background color of an element to Decimal 5209466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7D7A }
```

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

```
.background{ background-color:#4F7D7A }
```

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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