

Converting Colors

Decimal(5277309)

Have a look what the booklet for
Decimal(5277309) contains.

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Color

Decimal(5277309)

Conversions

Conversions Part 1

Format	Color
Hex	50867D
RGB	80, 134, 125
RGB Percent	31%, 53%, 49%
CMY	0.6863, 0.4745, 0.5098
CMYK	0.40, 0.00, 0.07, 0.47
HSL	170°, 25%, 42%
HSV	170°, 40%, 53%
XYZ	15.5350, 20.2363, 22.4893
YIQ	116.8280, -29.2950, -14.2470

Conversions

Conversions Part 2

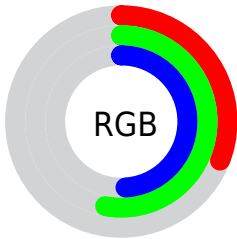
Format	Color
R_{YB}	80, 109, 134
Decimal	5277309
CIE _{Lab}	52.10, -20.17, -0.80
CIE _{LCh}	52, 20.188, 182.280
Yxy	20.2363, 0.2666, 0.3473
Android (android.graphics.Color)	4283467389 (0xFF50867D)
YUV	116.8280, 4.0288, -32.2982
Hunter-Lab	44.9848, -17.0803, 1.8485

Details

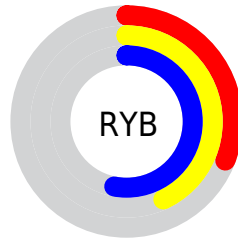
The Decimal color **5277309** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8802393**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8698802**, and **1922124** is the 20% darker color. If you saturate the color by 10%, you get **4425339**, and if you desaturate by 10%, it is **6129279**.

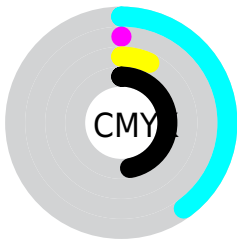
Distribution



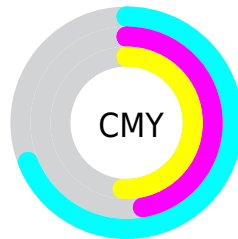
- Red (31%)
- Green (53%)
- Blue (49%)



- Red (31%)
- Yellow (43%)
- Blue (53%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5277309 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 5277309 by changing the saturation by 10% instead.

 5277309

 5277309

16777215

 3632484

 8698802

 1922124

 10475469

 15670

 12252393

 9760

 14155775

 3593

 16056319

 0

 5277309

 5277309

 4425339

 6129279

 3507833

 7046785

■ 2655862

■ 7898756

■ 1738356

■ 8816262

■ 886386

■ 9668232

■ 34416

■ 10520202

■ 11437709

■ 12289679

■ 13207185

Harmonies

Analogous

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



6390892



5277309



4818318

Triad

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



5277309



8484761



9860702

Complementary

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



5277309



8802393

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.



10449259



5277309



9728653

Square

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



5277309



6913438



10383484



8944730

Rectangle

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



5277309



5145751



10383484



10122338

Sweetspot

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



5277309



10071466



5867088



4937557



14079702



5723991

Same Dimension

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



5277309



5942688



5272966



3949121



33388



770

Inverse Universe

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



8802393



11360872



8806992



4340797



8519702



196608

Previews

White Background



This preview shows how the Decimal color 5277309 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 5277309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

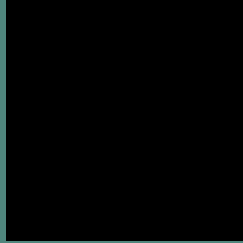
Any Text WCAG AA ✓ Pass

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 5277309 Background



This preview shows how black text looks on a background with the Decimal color 5277309.

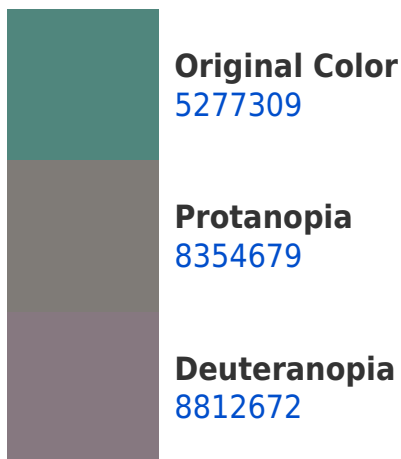


This preview shows how white text looks on a background with the Decimal color 5277309.

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](#).

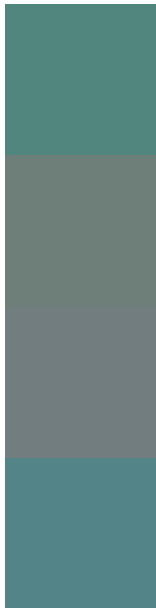
Dichromacy





Tritanopia
5538702

Trichromacy



Original Color
5277309

Protanomaly
7241593

Deuteranomaly
7503231

Tritanomaly
5473416

Monochromacy



Original Color
5277309

Achromatopsia
7697781

Achromatomaly
6847352

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5277309 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 #50867D looks like.

```
.text, #text, p{  
    color:#50867D  
}
```

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 #50867D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50867D
}
```

Border

The CSS property to change the border of an element to Decimal 5277309 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
#50867D }
```

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

```
.border{ border-color:#50867D }
```

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

Here you see how a box with a 4 pixel #50867D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50867D; -webkit-box-shadow:4px 4px  
4px 4px #50867D; box-shadow:4px 4px 4px  
4px #50867D }
```

Background

The CSS property to change the background color of an element to Decimal 5277309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50867D }
```

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

```
.background{ background-color:#50867D }
```

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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