

Converting Colors

Decimal(5010050)

Have a look what the booklet for
Decimal(5010050) contains.

Decimal(5010050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5010050)

Conversions

Conversions Part 1

Format	Color
Hex	4C7282
RGB	76, 114, 130
RGB Percent	30%, 45%, 51%
CMY	0.7020, 0.5529, 0.4902
CMYK	0.42, 0.12, 0.00, 0.49
HSL	198°, 26%, 40%
HSV	198°, 42%, 51%
XYZ	13.0271, 15.1828, 23.3631
YIQ	104.4620, -27.7840, -3.0800

Conversions

Conversions Part 2

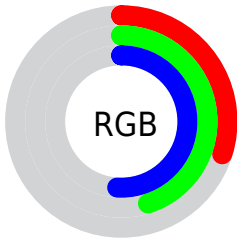
Format	Color
R_{YB}	76, 98, 130
Decimal	5010050
CIE _{Lab}	45.88, -8.95, -13.04
CIE _{LCh}	46, 15.813, 235.547
Yxy	15.1828, 0.2526, 0.2944
Android (android.graphics.Color)	4283200130 (0xFF4C7282)
YUV	104.4620, 12.5902, -24.9612
Hunter-Lab	38.9652, -8.5118, -8.2740

Details

The Decimal color **5010050** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8543308**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **8365751**, and **1720913** is the 20% darker color. If you saturate the color by 10%, you get **4157058**, and if you desaturate by 10%, it is **5863042**.

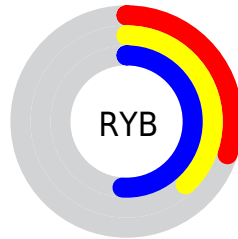
Distribution



Red (30%)

Green (45%)

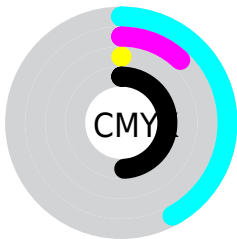
Blue (51%)



Red (30%)

Yellow (38%)

Blue (51%)

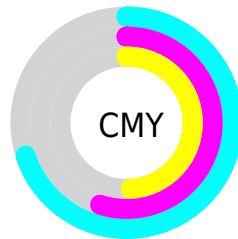


Cyan (42%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (70%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5010050 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 5010050 by changing the saturation by 10% instead.

■ 5010050

■ 5010050

16777215

■ 3365225

■ 8365751

■ 1720913

■ 10142163

■ 11322

■ 11918831

■ 6180

■ 13761023

■ 270

■ 15663103

■ 0

■ 5010050

■ 5010050

■ 4157058

■ 5863042

■ 3304066

■ 6716034

■ 2451074

■ 7569026

■ 1598338

■ 8421762

■ 745346

■ 9274754

■ 23426

■ 10127746

■ 10980738

■ 11833730

■ 12686722

Harmonies

Analogous

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



4682872



5010050



5926535

Triad

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



5010050



8807279



7040853

Complementary

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



5010050



8543308

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.



7957330



5010050



8938594

Square

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



5010050



8152700



8611671



5993053

Rectangle

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



5010050



6712198



8611671



7302739

Sweetspot

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



5010050



9740968



5014107



4739412



13948116



5526612

Same Dimension

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



5010050



5541800



5003394



3751488



23168



0

Inverse Universe

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



8539250



11031695



8549964



4208958



8388698



0

Previews

White Background



This preview shows how the Decimal color 5010050 looks on a white background.

Color Contrast Check

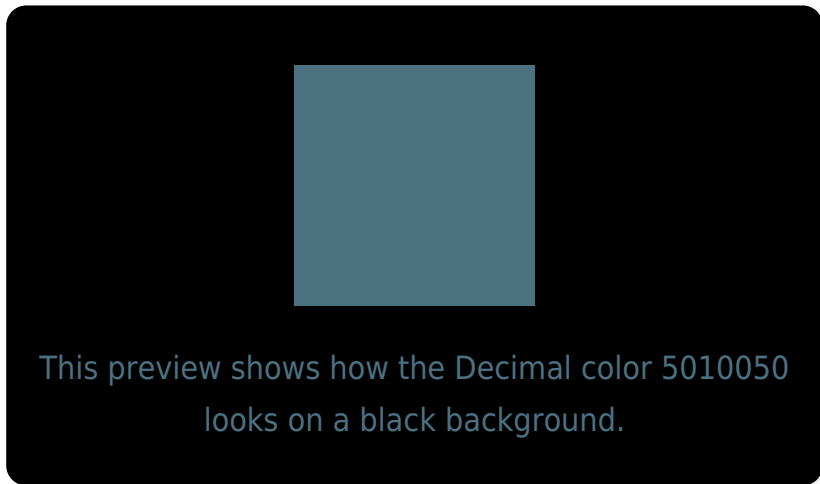
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

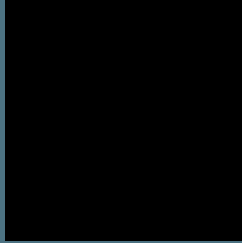
Any Text WCAG AA × Fail

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 5010050 Background



This preview shows how black text looks on a background with the Decimal color 5010050.

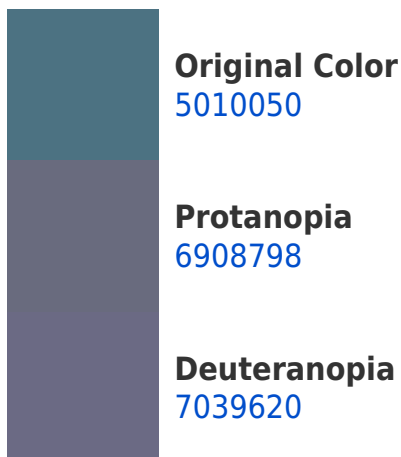


This preview shows how white text looks on a background with the Decimal color 5010050.

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](#).

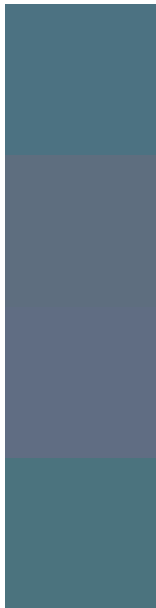
Dichromacy





Tritanopia
4879228

Trichromacy



Original Color
5010050

Protanomaly
6188671

Deuteranomaly
6319491

Tritanomaly
4944766

Monochromacy



Original Color
5010050

Achromatopsia
6842472

Achromatomaly
6188145

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5010050 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 #4C7282 looks like.

```
.text, #text, p{  
    color:#4C7282  
}
```

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 #4C7282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7282
}
```

Border

The CSS property to change the border of an element to Decimal 5010050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

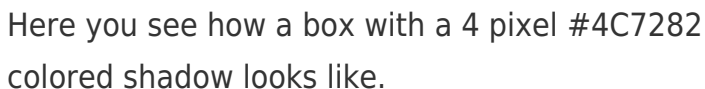
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C7282 }
```

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

```
.border{ border-color:#4C7282 }
```

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



Here you see how a box with a 4 pixel #4C7282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7282; -webkit-box-shadow:4px 4px  
4px 4px #4C7282; box-shadow:4px 4px 4px  
4px #4C7282 }
```

Background

The CSS property to change the background color of an element to Decimal 5010050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7282 }
```

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

```
.background{ background-color:#4C7282 }
```

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