

# Converting Colors

Decimal(5010034)

Have a look what the booklet for  
Decimal(5010034) contains.

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# Color

**Decimal(5010034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C7272
RGB	76, 114, 114
RGB Percent	30%, 45%, 45%
CMY	0.7020, 0.5529, 0.5529
CMYK	0.33, 0.00, 0.00, 0.55
HSL	180°, 20%, 37%
HSV	180°, 33%, 45%
XYZ	12.0351, 14.7860, 18.1393
YIQ	102.6380, -22.6480, -8.0560

# Conversions

## Conversions Part 2

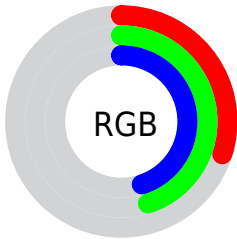
Format	Color
<b>RYB</b>	76, 95, 114
Decimal	5010034
CIELab	45.34, -13.32, -4.29
CIELCh	45, 13.992, 197.855
Yxy	14.7860, 0.2677, 0.3289
Android (android.graphics.Color)	4283200114 (0xFF4C7272)
YUV	102.6380, 5.6015, -23.3615
Hunter-Lab	38.4526, -11.4243, -1.0521

# Details

The Decimal color **5010034** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7490636**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8365734**, and **1851970** is the 20% darker color. If you saturate the color by 10%, you get **4289138**, and if you desaturate by 10%, it is **5730930**.

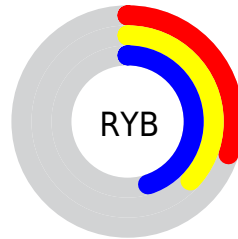
# Distribution



Red (30%)

Green (45%)

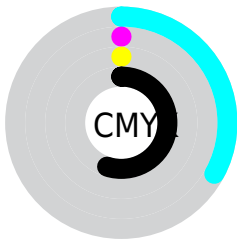
Blue (45%)



Red (30%)

Yellow (37%)

Blue (45%)

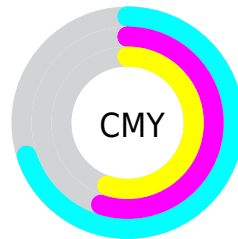


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5010034 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 5010034 by changing the saturation by 10% instead.



■ 5010034

■ 5010034

16777215

■ 3430746

■ 8365734

■ 1851970

■ 10076609

■ 142380

■ 11853277

■ 6168

■ 13695737

■ 0

■ 15597567

■ 5010034

■ 5010034

■ 4289138

■ 5730930

■ 3502706

■ 6517362

■ 2781810

■ 7238258

■ 1995378

■ 8024690

■ 1274482

■ 8745586

■ 553586

■ 9466482

■ 29298

■ 10252914

■ 10973810

■ 11760242

# Harmonies

## Analogous

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



5468774



5010034



5075324

# Triad

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



5010034



7759483



7956821

# Complementary

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



5010034



7490636

# 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.



8480090



5010034



8414321

# Square

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



5010034



6777473



8676197



7171413

# Rectangle

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



5010034



5533569



8676197



8153174



# Sweetspot

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



5010034



8754324



5009996



4278858



13224393



4868682



# Same Dimension

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



5010034



5870740



5005170



3291192



30840



63479



# Inverse Universe

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



7490674



9722260



7495500



3682872



7864440



16187639



# Previews

## White Background



This preview shows how the Decimal color 5010034 looks on a white background.

## Color Contrast Check

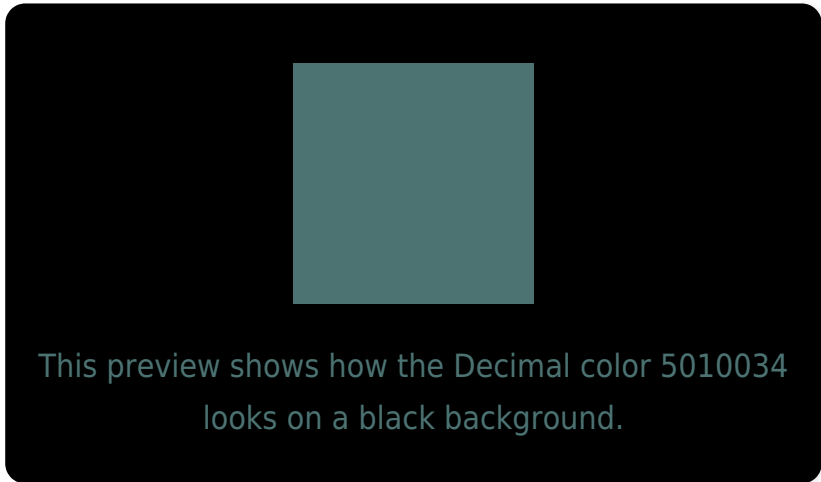
Large Text (above 18pt) WCAG AA ✓ Pass

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

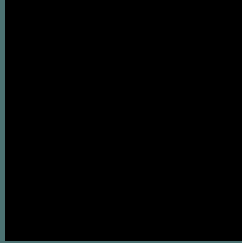
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 5010034 Background



This preview shows how black text looks on a background with the Decimal color 5010034.

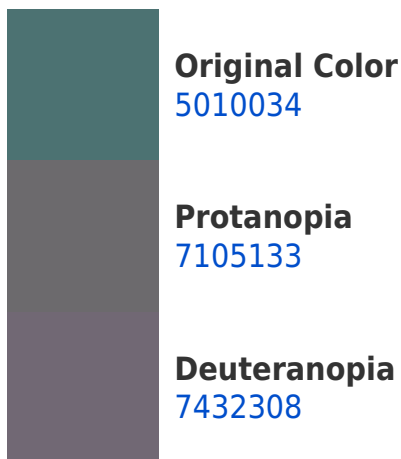


This preview shows how white text looks on a background with the Decimal color 5010034.

# Color Blindness Simulation

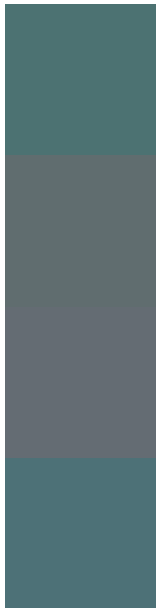
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
5010034

**Protanomaly**  
6319471

**Deuteranomaly**  
6581363

**Tritanomaly**  
5075319

# Monochromacy



**Original Color**  
5010034

**Achromatopsia**  
6776679

**Achromatomaly**  
6122347

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5010034 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 #4C7272 looks like.

```
.text, #text, p{  
  color:#4C7272  
}
```

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 #4C7272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7272
}
```

## Border

The CSS property to change the border of an element to Decimal 5010034 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
#4C7272 }
```

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

```
.border{ border-color:#4C7272 }
```

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

Here you see how a box with a 4 pixel #4C7272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7272; -webkit-box-shadow:4px 4px  
4px 4px #4C7272; box-shadow:4px 4px 4px  
4px #4C7272 }
```

# Background

The CSS property to change the background color of an element to Decimal 5010034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7272 }
```

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

```
.background{ background-color:#4C7272 }
```

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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