

# Converting Colors

Decimal(5082521)

Have a look what the booklet for  
Decimal(5082521) contains.

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# Color

**Decimal(5082521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8D99
RGB	77, 141, 153
RGB Percent	30%, 55%, 60%
CMY	0.6980, 0.4471, 0.4000
CMYK	0.50, 0.08, 0.00, 0.40
HSL	189°, 33%, 45%
HSV	189°, 50%, 60%
XYZ	18.3352, 22.9274, 33.5961
YIQ	123.2320, -41.9960, -9.8360

# Conversions

## Conversions Part 2

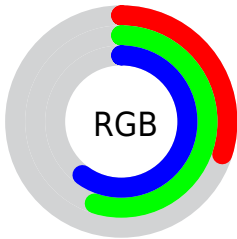
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 112, 153
Decimal	5082521
CIE <sub>Lab</sub>	55.00, -17.12, -12.74
CIE <sub>LCh</sub>	55, 21.339, 216.649
Yxy	22.9274, 0.2449, 0.3063
Android (android.graphics.Color)	4283272601 (0xFF4D8D99)
YUV	123.2320, 14.6756, -40.5455
Hunter-Lab	47.8826, -15.4433, -8.0821

# Details

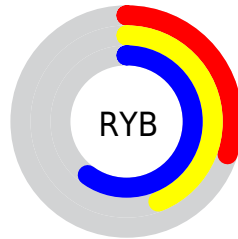
The Decimal color **5082521** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10049869**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **8635343**, and **1071974** is the 20% darker color. If you saturate the color by 10%, you get **4098969**, and if you desaturate by 10%, it is **6066073**.

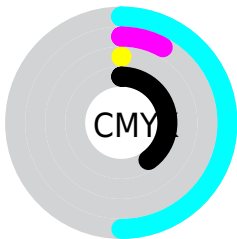
# Distribution



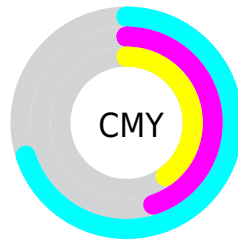
- Red (30%)
- Green (55%)
- Blue (60%)



- Red (30%)
- Yellow (44%)
- Blue (60%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (45%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5082521 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 5082521 by changing the saturation by 10% instead.



■ 5082521

■ 5082521

16777215

■ 3240831

■ 8635343

■ 1071974

■ 10477548

■ 17230

■ 12319743

■ 11575

■ 14155775

■ 6434

■ 16121855

■ 10

■ 0

■ 5082521

■ 5082521

■ 4098969

■ 6066073

■ 3049625

■ 7115417

■ 2066073

■ 8098969

■ 1082265

■ 9082777

■ 98713

■ 10131865

■ 33177

■ 11115417

■ 12099225

■ 13082777

■ 14132121

# Harmonies

## Analogous

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



5410439



5082521



5933477

# Triad

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



5082521



10451091



9274463

# Complementary

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



5082521



10049869

# 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.



10387042



5082521



11040384

# Square

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



5082521



9207201



11040878



7965030

# Rectangle

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



5082521



6981288



11040878



9667167



# Sweetspot

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



5082521



11125447



5085528



5398883



14935011



6513507



# Same Dimension

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



5082521



5289159



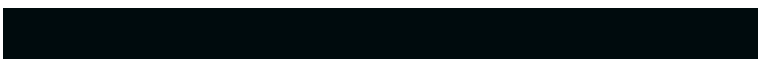
5073049



4541261



30348



2829



# Inverse Universe

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



10046861



13062324



10059341



5064011



9175158

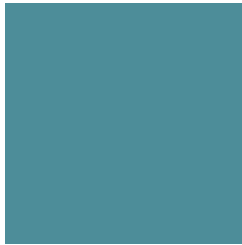


851979



# Previews

## White Background



This preview shows how the Decimal color 5082521 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 5082521 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

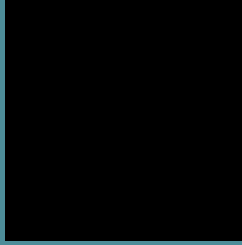
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5082521 Background



This preview shows how black text looks on a background with the Decimal color 5082521.

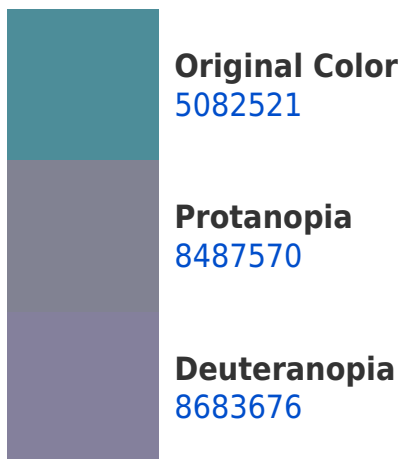


This preview shows how white text looks on a background with the Decimal color 5082521.

# Color Blindness Simulation

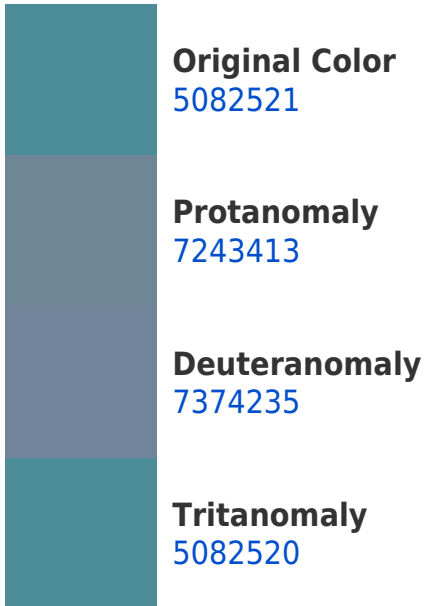
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

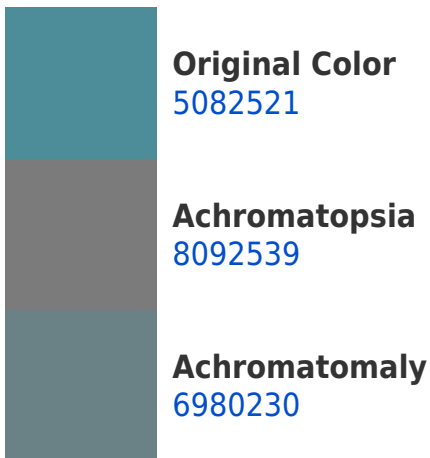




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5082521 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 #4D8D99 looks like.

```
.text, #text, p{  
    color:#4D8D99  
}
```

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 #4D8D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8D99  
}
```

## Border

The CSS property to change the border of an element to Decimal 5082521 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  
#4D8D99 }
```

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

```
.border{ border-color:#4D8D99 }
```

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

Here you see how a box with a 4 pixel #4D8D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8D99; -webkit-box-shadow:4px 4px  
4px 4px #4D8D99; box-shadow:4px 4px 4px  
4px #4D8D99 }
```

# Background

The CSS property to change the background color of an element to Decimal 5082521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8D99 }
```

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

```
.background{ background-color:#4D8D99 }
```

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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