

# Converting Colors

Decimal(5472136)

Have a look what the booklet for  
Decimal(5472136) contains.

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# Color

**Decimal(5472136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	537F88
RGB	83, 127, 136
RGB Percent	33%, 50%, 53%
CMY	0.6745, 0.5020, 0.4667
CMYK	0.39, 0.07, 0.00, 0.47
HSL	190°, 24%, 43%
HSV	190°, 39%, 53%
XYZ	15.6006, 18.7953, 26.0982
YIQ	114.8700, -29.1130, -6.5290

# Conversions

## Conversions Part 2

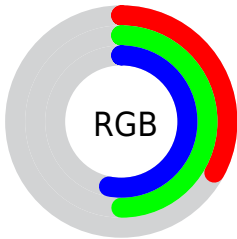
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 107, 136
Decimal	5472136
CIELab	50.45, -12.65, -9.67
CIELCh	50, 15.923, 217.405
Yxy	18.7953, 0.2579, 0.3107
Android (android.graphics.Color)	4283662216 (0xFF537F88)
YUV	114.8700, 10.4171, -27.9500
Hunter-Lab	43.3536, -11.6363, -5.3442

# Details

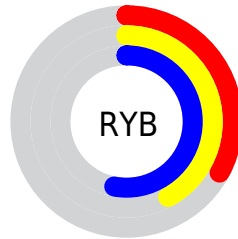
The Decimal color **5472136** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8936531**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **8893629**, and **2117206** is the 20% darker color. If you saturate the color by 10%, you get **4554120**, and if you desaturate by 10%, it is **6390152**.

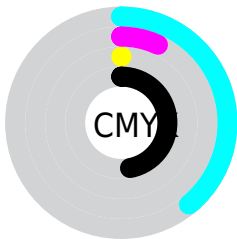
# Distribution



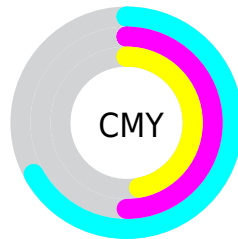
- Red (33%)
- Green (50%)
- Blue (53%)



- Red (33%)
- Yellow (42%)
- Blue (53%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (50%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5472136 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 5472136 by changing the saturation by 10% instead.



■ 5472136

■ 5472136

16777215

■ 3827311

■ 8893629

■ 2117206

■ 10670041

■ 145215

■ 12446966

■ 8489

■ 14352383

■ 1045

■ 16252927

■ 0

■ 5472136

■ 5472136

■ 4554120

■ 6390152

■ 3701384

■ 7242888

■ 2783368

■ 8160904

■ 1930888

■ 9013384

■ 1012616

■ 9931656

■ 94600

■ 10849672

■ 29064

■ 11702152

■ 12620168

■ 13472904

# Harmonies

## Analogous

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



5603451



5472136



6061201

# Triad

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



5472136



9269379



8353885

# Complementary

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



5472136



8936531

# 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.



9204831



5472136



9727605

# Square

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



5472136



8352654



9662568



7371874

# Rectangle

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



5472136



6781587



9662568



8681309



# Sweetspot

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



5472136



10202288



5474396



5068633



14277081



5855577



# Same Dimension

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



5472136



6136496



5465480



4080709



28293



1029



# Inverse Universe

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



8934271



11558306



8943187



4537924



8716398



327684



# Previews

## White Background



This preview shows how the Decimal color 5472136 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 5472136 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

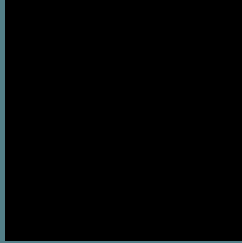
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5472136 Background



This preview shows how black text looks on a background with the Decimal color 5472136.

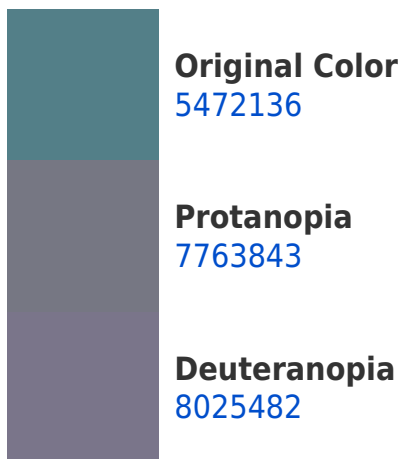


This preview shows how white text looks on a background with the Decimal color 5472136.

# 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](#).

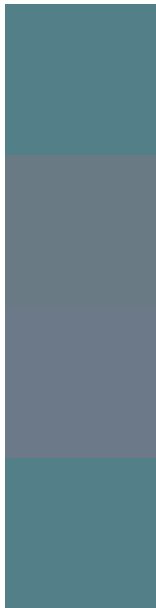
## Dichromacy





**Tritanopia**  
5472137

# Trichromacy



**Original Color**  
5472136

**Protanomaly**  
6912645

**Deuteranomaly**  
7109001

**Tritanomaly**  
5472137

# Monochromacy



**Original Color**  
5472136

**Achromatopsia**  
7566195

**Achromatomaly**  
6780795

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5472136 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 #537F88 looks like.

```
.text, #text, p{  
  color:#537F88  
}
```

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 #537F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537F88  
}
```

## Border

The CSS property to change the border of an element to Decimal 5472136 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  
#537F88 }
```

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

```
.border{ border-color:#537F88 }
```

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

Here you see how a box with a 4 pixel #537F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537F88; -webkit-box-shadow:4px 4px  
4px 4px #537F88; box-shadow:4px 4px 4px  
4px #537F88 }
```

# Background

The CSS property to change the background color of an element to Decimal 5472136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537F88 }
```

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

```
.background{ background-color:#537F88 }
```

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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