

# Converting Colors

Decimal(5336448)

Have a look what the booklet for  
Decimal(5336448) contains.

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# Color

**Decimal(5336448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516D80
RGB	81, 109, 128
RGB Percent	32%, 43%, 50%
CMY	0.6824, 0.5725, 0.4980
CMYK	0.37, 0.15, 0.00, 0.50
HSL	204°, 22%, 41%
HSV	204°, 37%, 50%
XYZ	12.7583, 14.2451, 22.4992
YIQ	102.7940, -22.7870, -0.0270

# Conversions

## Conversions Part 2

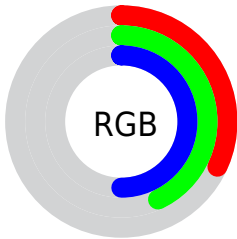
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 99, 128
Decimal	5336448
CIE <sub>Lab</sub>	44.58, -5.12, -13.79
CIE <sub>LCh</sub>	45, 14.709, 249.618
Yxy	14.2451, 0.2577, 0.2878
Android (android.graphics.Color)	4283526528 (0xFF516D80)
YUV	102.7940, 12.4266, -19.1133
Hunter-Lab	37.7427, -5.7110, -8.9241

# Details

The Decimal color **5336448** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8414289**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8691893**, and **2178639** is the 20% darker color. If you saturate the color by 10%, you get **4483200**, and if you desaturate by 10%, it is **6189696**.

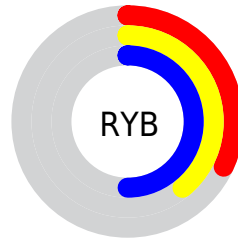
# Distribution



Red (32%)

Green (43%)

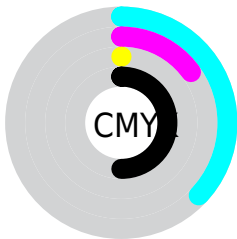
Blue (50%)



Red (32%)

Yellow (39%)

Blue (50%)

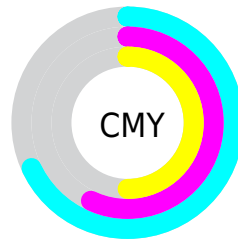


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (57%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5336448 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 5336448 by changing the saturation by 10% instead.





5336448



5336448

16777215



3757415



8691893



2178639



10468304



469048



12244973



4898



14087423



11



15990783



0



5336448



5336448



4483200



6189696



3629952



7042944

■ 2841984

■ 7830912

■ 1988736

■ 8684160

■ 1135488

■ 9537408

■ 282240

■ 10390656

■ 19584

■ 11243904

■ 12031616

■ 12885120

# Harmonies

## Analogous

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



4747385



5336448



6318465

# Triad

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



5336448



8544614



6384982

# Complementary

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



5336448



8414289

# 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.



7301713



5336448



8479322

# Square

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



5336448



8217202



8021587



5468257

# Rectangle

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



5336448



7038591



8021587



6712404



# Sweetspot

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



5336448



9739942



5341284



4804692



13948116



5526612



# Same Dimension

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



5336448



6129830



5330560



3751232



19584



0



# Inverse Universe

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



8409453



10902920



8420177



4208957



8388684



0



# Previews

## White Background



This preview shows how the Decimal color 5336448 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



This preview shows how the Decimal color 5336448 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

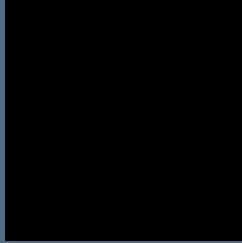
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

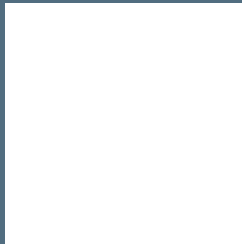
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5336448 Background



This preview shows how black text looks on a background with the Decimal color 5336448.

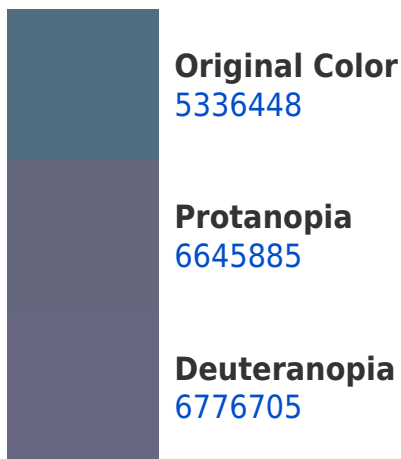


This preview shows how white text looks on a background with the Decimal color 5336448.

# 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**  
5336448

**Protanomaly**  
6187646

**Deuteranomaly**  
6252929

**Tritanomaly**  
5271162

# Monochromacy



**Original Color**  
5336448

**Achromatopsia**  
6776679

**Achromatomaly**  
6252912

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5336448 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 #516D80 looks like.

```
.text, #text, p{  
    color:#516D80  
}
```

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 #516D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516D80
}
```

## Border

The CSS property to change the border of an element to Decimal 5336448 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
#516D80 }
```

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

```
.border{ border-color:#516D80 }
```

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

Here you see how a box with a 4 pixel #516D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516D80; -webkit-box-shadow:4px 4px  
4px 4px #516D80; box-shadow:4px 4px 4px  
4px #516D80 }
```

# Background

The CSS property to change the background color of an element to Decimal 5336448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516D80 }
```

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

```
.background{ background-color:#516D80 }
```

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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