

# Converting Colors

Decimal(5402212)

Have a look what the booklet for  
Decimal(5402212) contains.

<b>Decimal(5402212)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5402212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	526E64
RGB	82, 110, 100
RGB Percent	32%, 43%, 39%
CMY	0.6784, 0.5686, 0.6078
CMYK	0.25, 0.00, 0.09, 0.57
HSL	159°, 15%, 38%
HSV	159°, 25%, 43%
XYZ	11.3559, 13.8658, 14.1344
YIQ	100.4880, -13.4780, -9.0460

# Conversions

## Conversions Part 2

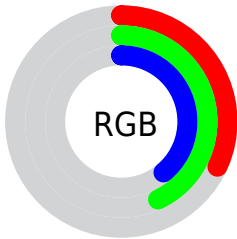
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 99, 110
Decimal	5402212
CIELab	44.04, -12.53, 2.25
CIELCh	44, 12.731, 169.822
Yxy	13.8658, 0.2885, 0.3523
Android (android.graphics.Color)	4283592292 (0xFF526E64)
YUV	100.4880, -0.2406, -16.2140
Hunter-Lab	37.2368, -10.7285, 3.5603

# Details

The Decimal color **5402212** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7230044**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8692375**, and **2375221** is the 20% darker color. If you saturate the color by 10%, you get **4681312**, and if you desaturate by 10%, it is **6123112**.

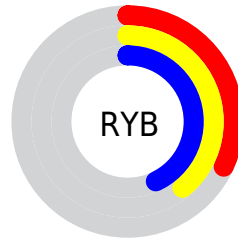
# Distribution



Red (32%)

Green (43%)

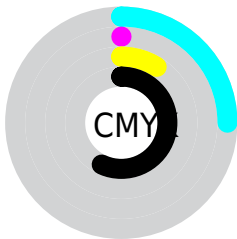
Blue (39%)



Red (32%)

Yellow (39%)

Blue (43%)

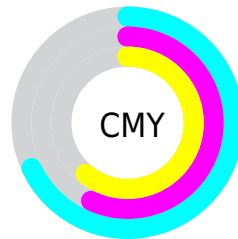


Cyan (25%)

Magenta (0%)

Yellow (9%)

Black (57%)



Cyan (68%)

Magenta (57%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5402212 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 5402212 by changing the saturation by 10% instead.





5402212



5402212

16777215



3823180



8692375



2375221



10403249



927776



12179917



5385



14022121



0



15925247



5402212



5402212



4681312



6123112



3960412



6844012

■ 3239512

■ 7564912

■ 2518612

■ 8285812

■ 1797712

■ 9006712

■ 1076812

■ 9727612

■ 355912

■ 10448512

■ 28231

■ 11169411

■ 11890311

# Harmonies

## Analogous

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



6122586



5402212



5009007

# Triad

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



5402212



6645628



8151896

# Complementary

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



5402212



7230044

# 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.



8282465



5402212



7496566

# Square

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



5402212



5794429



8085868



7628372

# Rectangle

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



5402212



5008757



8085868



8217179



# Sweetspot

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



5402212



8621963



6057554



4212549



13092807



4671303



# Same Dimension

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



5402212



6524799



5401198



3291190



30797



63391



# Inverse Universe

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



7230044



9397106



7231058



3682868



7864363



16187480



# Previews

## White Background



This preview shows how the Decimal color 5402212 looks on a white background.

## Color Contrast Check

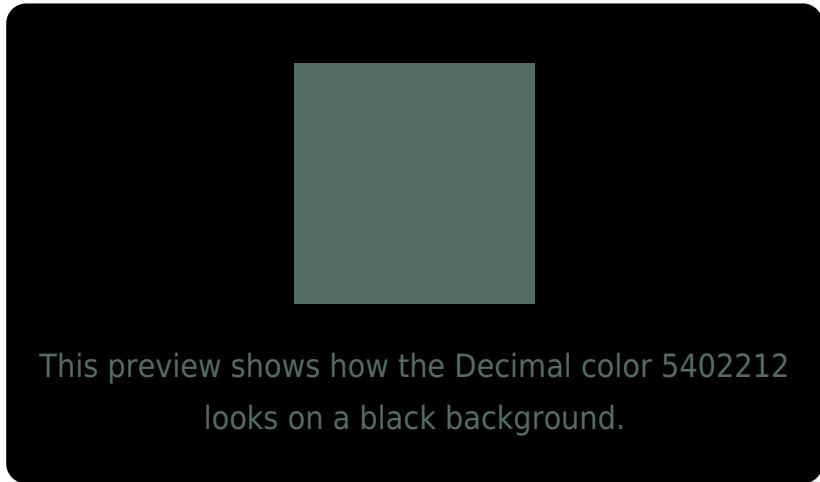
Large Text (above 18pt) WCAG AA ✓ Pass

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

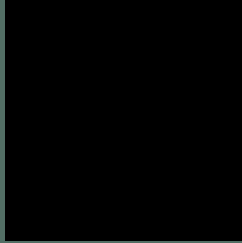
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5402212 Background



This preview shows how black text looks on a background with the Decimal color 5402212.



This preview shows how white text looks on a background with the Decimal color 5402212.

# 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



**Original Color**


5402212

**Protanopia**

7038816

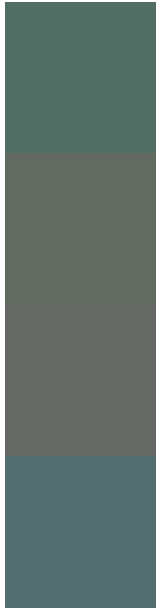
**Deuteranopia**

7496806



**Tritanopia**  
5598324

# Trichromacy



**Original Color**  
5402212

**Protanomaly**  
6449761

**Deuteranomaly**  
6711397

**Tritanomaly**  
5533038

# Monochromacy



**Original Color**  
5402212

**Achromatopsia**  
6579300

**Achromatomaly**  
6121572

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5402212 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 #526E64 looks like.

```
.text, #text, p{  
  color:#526E64  
}
```

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 #526E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #526E64
}
```

## Border

The CSS property to change the border of an element to Decimal 5402212 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
#526E64 }
```

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

```
.border{ border-color:#526E64 }
```

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

Here you see how a box with a 4 pixel #526E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #526E64; -webkit-box-shadow:4px 4px  
4px 4px #526E64; box-shadow:4px 4px 4px  
4px #526E64 }
```

# Background

The CSS property to change the background color of an element to Decimal 5402212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#526E64 }
```

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

```
.background{ background-color:#526E64 }
```

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