

# Converting Colors

Decimal(5268323)

Have a look what the booklet for  
Decimal(5268323) contains.

<b>Decimal(5268323)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5268323)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	506363
RGB	80, 99, 99
RGB Percent	31%, 39%, 39%
CMY	0.6863, 0.6118, 0.6118
CMYK	0.19, 0.00, 0.00, 0.61
HSL	180°, 11%, 35%
HSV	180°, 19%, 39%
XYZ	10.0222, 11.5300, 13.5017
YIQ	93.3190, -11.3240, -4.0280

# Conversions

## Conversions Part 2

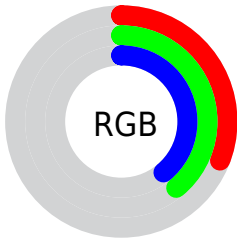
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 90, 99
Decimal	5268323
CIE Lab	40.46, -7.14, -2.39
CIE LCh	40, 7.530, 198.502
Yxy	11.5300, 0.2859, 0.3289
Android (android.graphics.Color)	4283458403 (0xFF506363)
YUV	93.3190, 2.8007, -11.6808
Hunter-Lab	33.9559, -6.7376, 0.1940

# Details

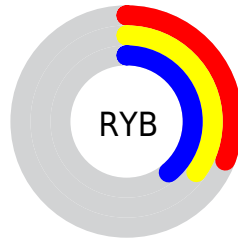
The Decimal color **5268323** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6508624**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8558230**, and **2307125** is the 20% darker color. If you saturate the color by 10%, you get **4612963**, and if you desaturate by 10%, it is **5923683**.

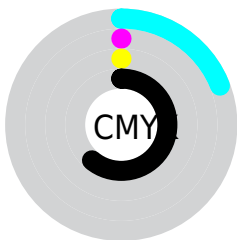
# Distribution



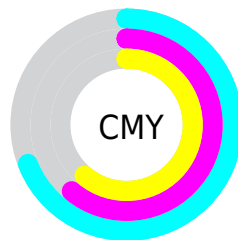
- Red (31%)
- Green (39%)
- Blue (39%)



- Red (31%)
- Yellow (35%)
- Blue (39%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (61%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5268323 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 5268323 by changing the saturation by 10% instead.



■ 5268323

■ 5268323

16777215

■ 3754827

■ 8558230

■ 2307125

■ 10268848

■ 925471

■ 12045516

■ 775

■ 13822184

■ 0

■ 15728639

■ 5268323

■ 5268323

■ 4612963

■ 5923683

■ 3957603

■ 6579043

■ 3302243

■ 7234403

■ 2646883

■ 7889763

■ 2057059

■ 8545123

■ 1401699

■ 9134947

■ 746339

■ 9790307

■ 90979

■ 10445667

■ 25443

■ 11101027

# Harmonies

## Analogous

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



5464925



5268323



5333608

# Triad

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



5268323



6643048



6774355

# Complementary

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



5268323



6508624

# 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.



7035990



5268323



7035746

# Square

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



5268323



6184811



7166812



6316116

# Rectangle

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



5268323



5529963



7166812



6905172



# Sweetspot

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



5268323



7897216



5268304



3883072



12566463



4210752



# Same Dimension

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



5268323



6455424



5266019



2895920



28784



61680



# Inverse Universe

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



6508643



8413824



6511184



3157040



7340144



15728880



# Previews

## White Background



This preview shows how the Decimal color 5268323 looks on a white background.

## Color Contrast Check

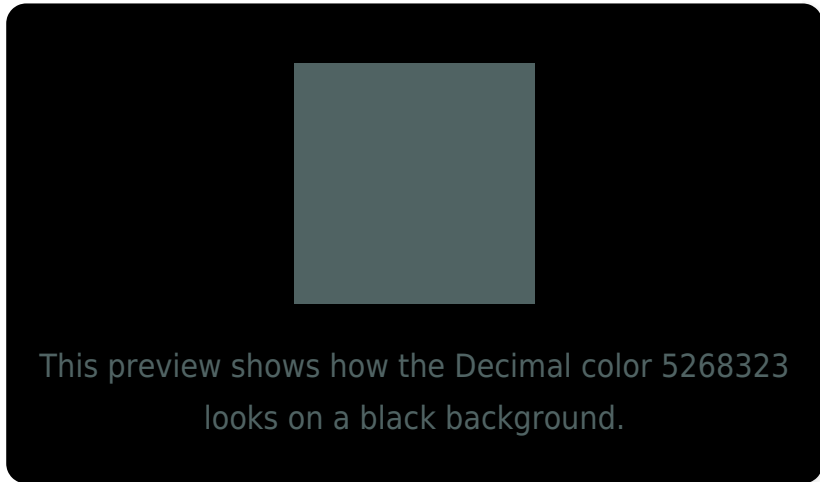
Large Text (above 18pt) WCAG AA ✓ Pass

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

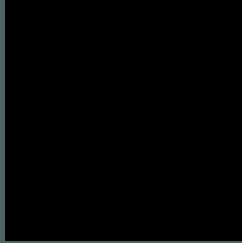
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

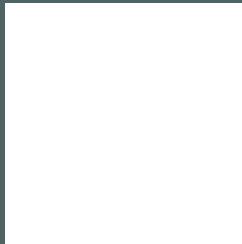
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5268323 Background



This preview shows how black text looks on a background with the Decimal color 5268323.



This preview shows how white text looks on a background with the Decimal color 5268323.

# 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**

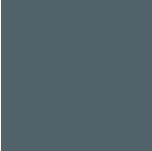
5268323

**Protanopia**

6315872

**Deuteranopia**

6708324



**Tritanopia**  
5333610

# Trichromacy



**Original Color**

5268323

**Protanomaly**

5922913

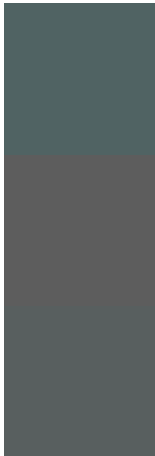
**Deuteranomaly**

6184804

**Tritanomaly**

5333607

# Monochromacy



**Original Color**

5268323

**Achromatopsia**

6118749

**Achromatomaly**

5791583

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5268323 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 #506363 looks like.

```
.text, #text, p{  
  color:#506363  
}
```

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 #506363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506363
}
```

## Border

The CSS property to change the border of an element to Decimal 5268323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

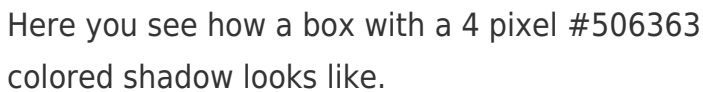
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#506363 }
```

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

```
.border{ border-color:#506363 }
```

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



Here you see how a box with a 4 pixel #506363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506363; -webkit-box-shadow:4px 4px  
4px 4px #506363; box-shadow:4px 4px 4px  
4px #506363 }
```

# Background

The CSS property to change the background color of an element to Decimal 5268323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506363 }
```

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

```
.background{ background-color:#506363 }
```

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