

# Converting Colors

Decimal(5332302)

Have a look what the booklet for  
Decimal(5332302) contains.

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# Color

**Decimal(5332302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515D4E
RGB	81, 93, 78
RGB Percent	32%, 36%, 31%
CMY	0.6824, 0.6353, 0.6941
CMYK	0.13, 0.00, 0.16, 0.64
HSL	108°, 9%, 34%
HSV	108°, 16%, 36%
XYZ	8.6828, 10.1281, 8.7050
YIQ	87.7020, -2.3370, -7.2090

# Conversions

## Conversions Part 2

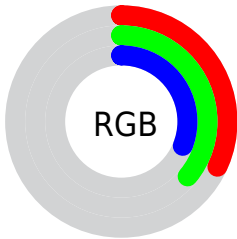
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 93, 90
Decimal	5332302
CIELab	38.07, -7.88, 7.07
CIELCh	38, 10.584, 138.106
Yxy	10.1281, 0.3156, 0.3681
Android (android.graphics.Color)	4283522382 (0xFF515D4E)
YUV	87.7020, -4.7831, -5.8777
Hunter-Lab	31.8247, -6.9924, 6.0596

# Details

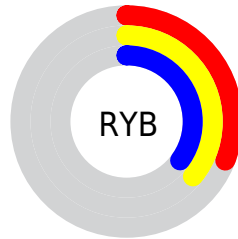
The Decimal color **5332302** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5918301**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **8556415**, and **2371362** is the 20% darker color. If you saturate the color by 10%, you get **4873541**, and if you desaturate by 10%, it is **5791063**.

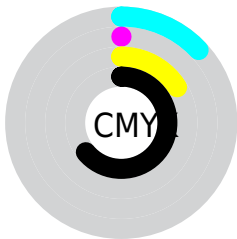
# Distribution



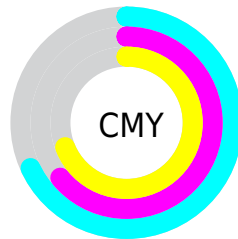
- Red (32%)
- Green (36%)
- Blue (31%)



- Red (31%)
- Yellow (36%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (64%)



- Cyan (68%)
- Magenta (64%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5332302 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 5332302 by changing the saturation by 10% instead.





5332302



5332302

16777215



3818807



8556415



2371362



10267289



1055244



12043700



0



13885903



15728363



5332302



5332302



4873541



5791063



4349243



6315361

■ 3890482

■ 6774122

■ 3366185

■ 7298419

■ 2907424

■ 7757181

■ 2383126

■ 8281478

■ 1924365

■ 8740239

■ 1400068

■ 9264536

■ 1268992

■ 9723298

# Harmonies

## Analogous

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



5987145



5332302



4742742

# Triad

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



5332302



5004138



7099477

# Complementary

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



5332302



5918301

# 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.



6902877



5332302



5724522

# Square

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



5332302



4480614



6379109



6968653

# Rectangle

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



5332302



4480860



6379109



7033944



# Sweetspot

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



5332302



7567474



6117966



3816762



12434877



4013373



# Same Dimension

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



5332302



6715489



5135699



2764329



1469952



3140864



# Inverse Universe

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



5918301



7561592



6114905



2959662



5767278



12452077



# Previews

## White Background



This preview shows how the Decimal color 5332302 looks on a white background.

## Color Contrast Check

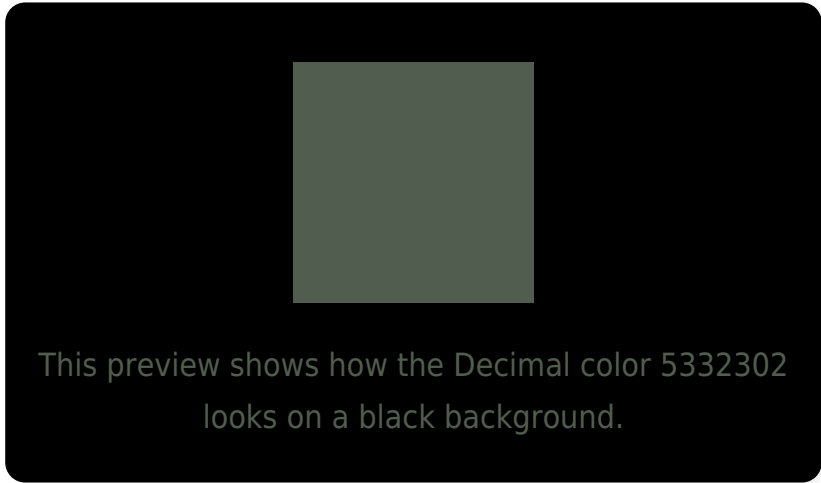
Large Text (above 18pt) WCAG AA ✓ Pass

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

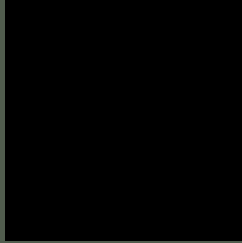
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5332302 Background



This preview shows how black text looks on a background with the Decimal color 5332302.

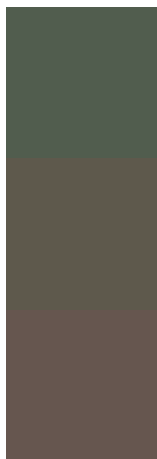


This preview shows how white text looks on a background with the Decimal color 5332302.

# 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**  
5332302

**Protanopia**  
6183244

**Deuteranopia**  
6706767



**Tritanopia**  
5528161

# Trichromacy



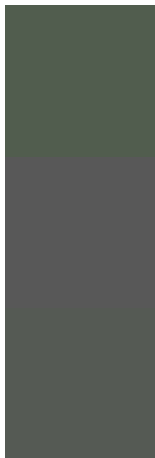
**Original Color**  
5332302

**Protanomaly**  
5855821

**Deuteranomaly**  
6183247

**Tritanomaly**  
5462874

# Monochromacy



**Original Color**  
5332302

**Achromatopsia**  
5789784

**Achromatomaly**  
5593684

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5332302 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 #515D4E looks like.

```
.text, #text, p{  
    color:#515D4E  
}
```

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 #515D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515D4E
}
```

## Border

The CSS property to change the border of an element to Decimal 5332302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

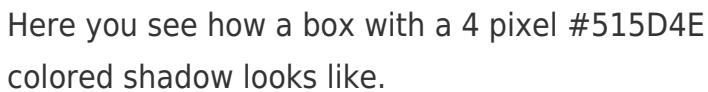
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515D4E }
```

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

```
.border{ border-color:#515D4E }
```

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



Here you see how a box with a 4 pixel #515D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515D4E; -webkit-box-shadow:4px 4px  
4px 4px #515D4E; box-shadow:4px 4px 4px  
4px #515D4E }
```

# Background

The CSS property to change the background color of an element to Decimal 5332302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515D4E }
```

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

```
.background{ background-color:#515D4E }
```

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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