

# Converting Colors

Decimal(5330242)

Have a look what the booklet for  
Decimal(5330242) contains.

<b>Decimal(5330242)</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(5330242)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515542
RGB	81, 85, 66
RGB Percent	32%, 33%, 26%
CMY	0.6824, 0.6667, 0.7412
CMYK	0.05, 0.00, 0.22, 0.67
HSL	73°, 13%, 30%
HSV	73°, 22%, 33%
XYZ	7.6252, 8.6397, 6.4200
YIQ	81.6380, 3.7150, -6.7570

# Conversions

## Conversions Part 2

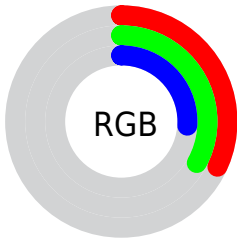
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 85, 70
Decimal	5330242
CIELab	35.28, -5.39, 10.57
CIElCh	35, 11.869, 117.028
Yxy	8.6397, 0.3361, 0.3809
Android (android.graphics.Color)	4283520322 (0xFF515542)
YUV	81.6380, -7.7095, -0.5595
Hunter-Lab	29.3933, -5.1319, 7.6254

# Details

The Decimal color **5330242** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4604501**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8554354**, and **2369559** is the 20% darker color. If you saturate the color by 10%, you get **5199161**, and if you desaturate by 10%, it is **5461322**.

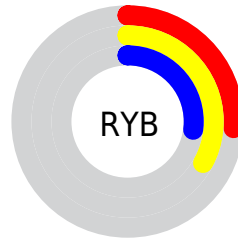
# Distribution



Red (32%)

Green (33%)

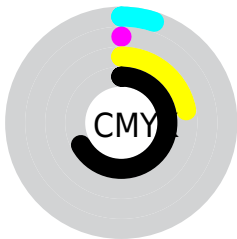
Blue (26%)



Red (26%)

Yellow (33%)

Blue (27%)

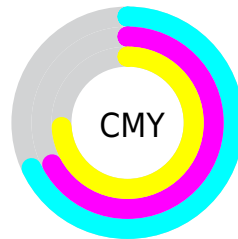


Cyan (5%)

Magenta (0%)

Yellow (22%)

Black (67%)



Cyan (68%)

Magenta (67%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5330242 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 5330242 by changing the saturation by 10% instead.



■ 5330242

■ 5330242

16777215

■ 3817004

■ 8554354

■ 2369559

■ 10330507

■ 988160

■ 12041382

■ 0

■ 13883329

■ 15725789

■ 16777209

■ 5330242

■ 5330242

■ 5199161

■ 5461322

■ 5068081

■ 5592403

■ 5002537

■ 5657948

■ 4871456

■ 5789028

■ 4740376

■ 5920108

■ 4609295

■ 6051189

■ 4478215

■ 6182269

■ 4412672

■ 6247814

■ 6378894

# Harmonies

## Analogous

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



5984832



5330242



4609864

# Triad

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



5330242



4020067



6638676

# Complementary

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



5330242



4604501

# 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.



6180445



5330242



4674662

# Square

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



5330242



3758171



5460324



6769995

# Rectangle

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



5330242



4216910



5460324



6507863



# Sweetspot

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



5330242



7106150



5588546



3618868



12105912



3684408



# Same Dimension

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



5330242



6778448



4740418



2763559



5597952



12184320



# Inverse Universe

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



4604501



5656686



5194325



2631467



1507435



3211499



# Previews

## White Background



This preview shows how the Decimal color 5330242 looks on a white background.

## Color Contrast Check

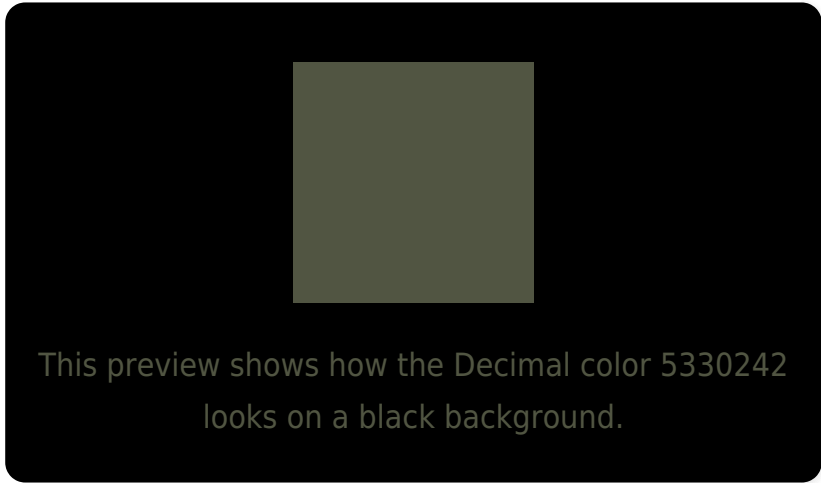
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

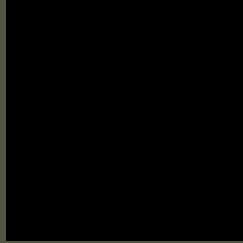
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5330242 Background



This preview shows how black text looks on a background with the Decimal color 5330242.

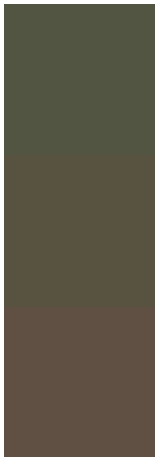


This preview shows how white text looks on a background with the Decimal color 5330242.

# 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**  
5330242

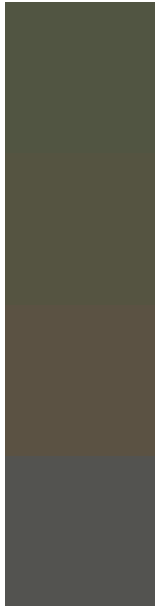
**Protanopia**  
5788481

**Deuteranopia**  
6312003



**Tritanopia**  
5526104

# Trichromacy



**Original Color**

5330242

**Protanomaly**

5592129

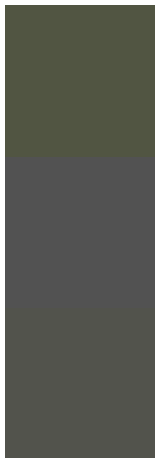
**Deuteranomaly**

5984835

**Tritanomaly**

5460816

# Monochromacy



**Original Color**

5330242

**Achromatopsia**

5395026

**Achromatomaly**

5395276

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5330242 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 #515542 looks like.

```
.text, #text, p{  
    color:#515542  
}
```

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 #515542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515542
}
```

## Border

The CSS property to change the border of an element to Decimal 5330242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

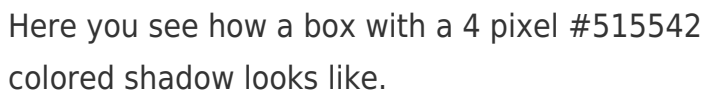
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515542 }
```

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

```
.border{ border-color:#515542 }
```

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



Here you see how a box with a 4 pixel #515542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515542; -webkit-box-shadow:4px 4px  
4px 4px #515542; box-shadow:4px 4px 4px  
4px #515542 }
```

# Background

The CSS property to change the background color of an element to Decimal 5330242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515542 }
```

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

```
.background{ background-color:#515542 }
```

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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