

# Converting Colors

Decimal(5341503)

Have a look what the booklet for  
Decimal(5341503) contains.

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# Color

**Decimal(5341503)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51813F
RGB	81, 129, 63
RGB Percent	32%, 51%, 25%
CMY	0.6824, 0.4941, 0.7529
CMYK	0.37, 0.00, 0.51, 0.49
HSL	104°, 34%, 38%
HSV	104°, 51%, 51%
XYZ	12.1408, 17.8087, 7.5002
YIQ	107.1240, -7.4220, -30.7020

# Conversions

## Conversions Part 2

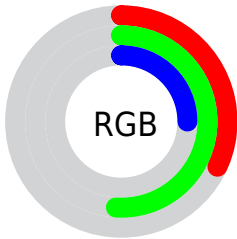
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 129, 111
Decimal	5341503
CIELab	49.26, -29.50, 30.54
CIElCh	49, 42.458, 134.007
Yxy	17.8087, 0.3242, 0.4755
Android (android.graphics.Color)	4283531583 (0xFF51813F)
YUV	107.1240, -21.7531, -22.9107
Hunter-Lab	42.2004, -22.4973, 19.0028

# Details

The Decimal color **5341503** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7290753**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8762992**, and **1986320** is the 20% darker color. If you saturate the color by 10%, you get **4751666**, and if you desaturate by 10%, it is **5931340**.

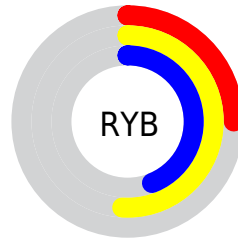
# Distribution



Red (32%)

Green (51%)

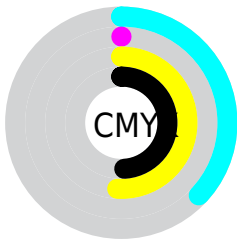
Blue (25%)



Red (25%)

Yellow (51%)

Blue (44%)

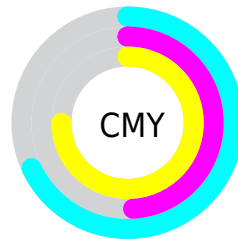


Cyan (37%)

Magenta (0%)

Yellow (51%)

Black (49%)



Cyan (68%)

Magenta (49%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5341503 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 5341503 by changing the saturation by 10% instead.





5341503



5341503

16777215



3696680



8762992



1986320



10539658



276480



12316325



8960



14221248



0



16056284



16777209



5341503



5341503



4751666



5931340

■ 4096293

■ 6586713

■ 3506456

■ 7176550

■ 2851083

■ 7831923

■ 2326784

■ 8421760

■ 9011596

■ 9666969

■ 10256806

■ 10846643

# Harmonies

## Analogous

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



7960619



5341503



34400

# Triad

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



5341503



32442



12080742

# Complementary

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



5341503



7290753

# 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.



11360394



5341503



5600187

# Square

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



5341503



34214



9266601



11558725

# Rectangle

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



5341503



34681



9266601



12014962



# Sweetspot

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



5341503



9873551



8482367



4805701



13948116



5526612



# Same Dimension

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



5341503



6203458



4161869



3883065



2326528



0



# Inverse Universe

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



7290753



9192104



8470387



4077888



6094976



0



# Previews

## White Background



This preview shows how the Decimal color 5341503 looks on a white background.

## Color Contrast Check

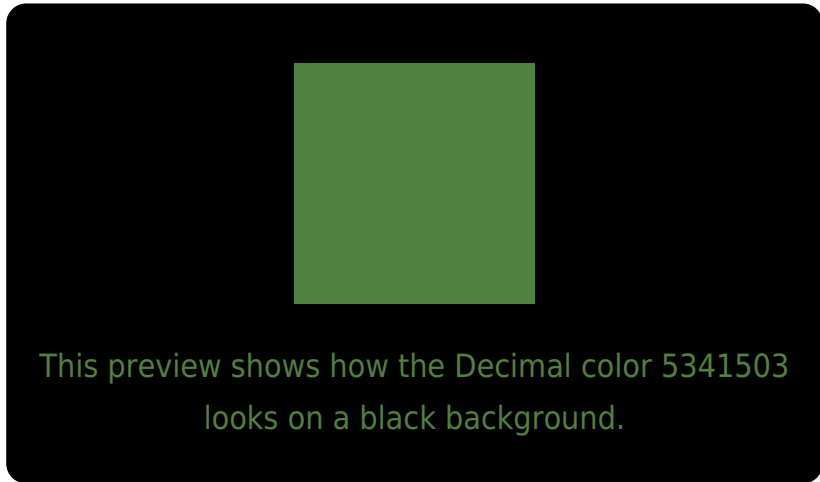
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5341503 Background



This preview shows how black text looks on a background with the Decimal color 5341503.




This preview shows how white text looks on a background with the Decimal color 5341503.

# 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





**Tritanopia**  
6126211

# Trichromacy



**Original Color**  
5341503

**Protanomaly**  
7371068

**Deuteranomaly**  
7894594

**Tritanomaly**  
5864810

# Monochromacy



**Original Color**  
5341503

**Achromatopsia**  
7039851

**Achromatomaly**  
6452059

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5341503 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 #51813F looks like.

```
.text, #text, p{  
    color:#51813F  
}
```

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 #51813F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51813F
}
```

## Border

The CSS property to change the border of an element to Decimal 5341503 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".

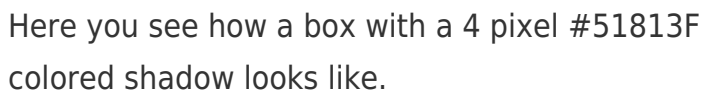
```
.border, #border, table{ border:4px solid
#51813F }
```

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

```
.border{ border-color:#51813F }
```

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

Here you see how a box with a 4 pixel #51813F colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51813F; -webkit-box-shadow:4px 4px  
4px 4px #51813F; box-shadow:4px 4px 4px  
4px #51813F }
```

# Background

The CSS property to change the background color of an element to Decimal 5341503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51813F }
```

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

```
.background{ background-color:#51813F }
```

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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