

# Converting Colors

Decimal(5266742)

Have a look what the booklet for  
Decimal(5266742) contains.

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**Color**

**Decimal(5266742)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	505D36
RGB	80, 93, 54
RGB Percent	31%, 36%, 21%
CMY	0.6863, 0.6353, 0.7882
CMYK	0.14, 0.00, 0.42, 0.64
HSL	80°, 27%, 29%
HSV	80°, 42%, 36%
XYZ	7.8885, 9.8005, 4.9660
YIQ	84.6670, 4.7710, -14.8850

# Conversions

## Conversions Part 2

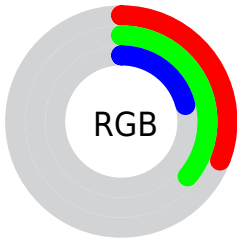
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 93, 67
Decimal	5266742
CIELab	37.48, -12.43, 20.75
CIELCh	37, 24.189, 120.911
Yxy	9.8005, 0.3482, 0.4326
Android (android.graphics.Color)	4283456822 (0xFF505D36)
YUV	84.6670, -15.1188, -4.0930
Hunter-Lab	31.3058, -9.8064, 12.5090

# Details

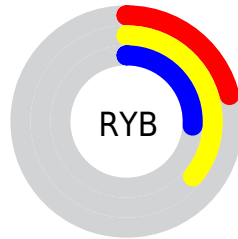
The Decimal color **5266742** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4404829**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8556389**, and **2240266** is the 20% darker color. If you saturate the color by 10%, you get **5070125**, and if you desaturate by 10%, it is **5463359**.

# Distribution



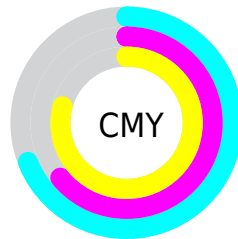
- Red (31%)
- Green (36%)
- Blue (21%)



- Red (21%)
- Yellow (36%)
- Blue (26%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (64%)



- Cyan (69%)
- Magenta (64%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5266742 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 5266742 by changing the saturation by 10% instead.



■ 5266742

■ 5266742

16777215

■ 3753248

■ 8556389

■ 2240266

■ 10267263

■ 662272

■ 12043673

■ 0

■ 13885875

■ 15728335

■ 16777195

■ 5266742

■ 5266742

■ 5070125

■ 5463359

■ 4873507

■ 5659977

■ 4676890

■ 5856594

■ 4480273

■ 6053211

■ 4283655

■ 6249829

■ 4087040

■ 6511982

■ 6708599

■ 6905216

■ 7101834

# Harmonies

## Analogous

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



6575921



5266742



3694917

# Triad

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



5266742



1531770



8210776

# Complementary

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



5266742



4404829

# 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.



7425131



5266742



3955327

# Square

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



5266742



25196



5985146



8211269

# Rectangle

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



5266742



2581073



5985146



8014175



# Sweetspot

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



5266742



7567464



6112054



3816755



12434877



4013373



# Same Dimension

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



5266742



6584380



4021558



2895401



4812288



10415360



# Inverse Universe

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



4404829



5258360



5715549



2828590



2424942



5177581



# Previews

## White Background



This preview shows how the Decimal color 5266742 looks on a white background.

## Color Contrast Check

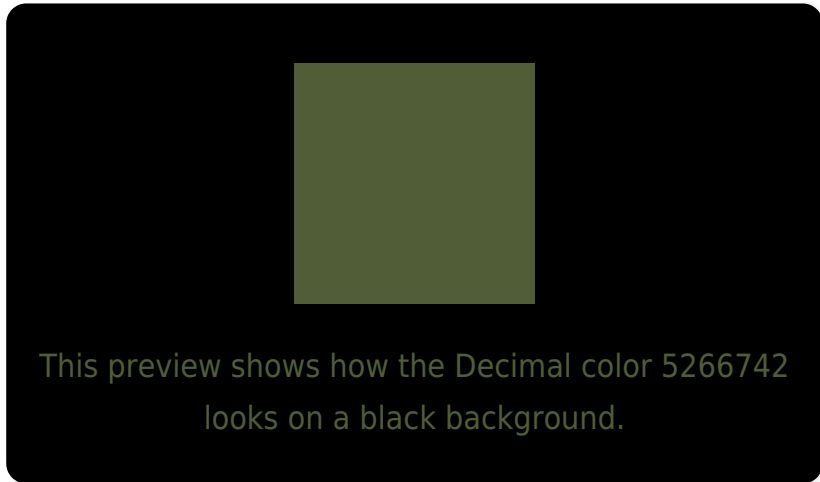
Large Text (above 18pt) WCAG AA ✓ Pass

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

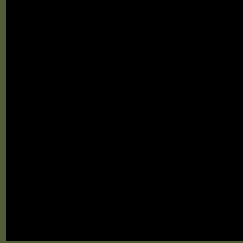
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5266742 Background



This preview shows how black text looks on a background with the Decimal color 5266742.



This preview shows how white text looks on a background with the Decimal color 5266742.

# 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](#).

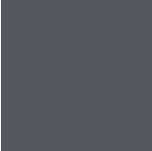
## Dichromacy



**Original Color**  
5266742

**Protanopia**  
6314036

**Deuteranopia**  
6968376



**Tritanopia**  
5593183

# Trichromacy



**Original Color**  
5266742

**Protanomaly**  
5921333

**Deuteranomaly**  
6379319

**Tritanomaly**  
5462608

# Monochromacy



**Original Color**  
5266742

**Achromatopsia**  
5592405

**Achromatomaly**  
5462090

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5266742 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 #505D36 looks like.

```
.text, #text, p{  
    color:#505D36  
}
```

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 #505D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505D36
}
```

## Border

The CSS property to change the border of an element to Decimal 5266742 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".

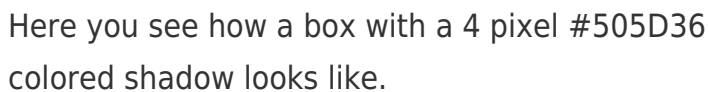
```
.border, #border, table{ border:4px solid
#505D36 }
```

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

```
.border{ border-color:#505D36 }
```

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

Here you see how a box with a 4 pixel #505D36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505D36; -webkit-box-shadow:4px 4px  
4px 4px #505D36; box-shadow:4px 4px 4px  
4px #505D36 }
```

# Background

The CSS property to change the background color of an element to Decimal 5266742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505D36 }
```

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

```
.background{ background-color:#505D36 }
```

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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