

# Converting Colors

Decimal(5656879)

Have a look what the booklet for  
Decimal(5656879) contains.

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# Color

**Decimal(5656879)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	56512F
RGB	86, 81, 47
RGB Percent	34%, 32%, 18%
CMY	0.6627, 0.6824, 0.8157
CMYK	0.00, 0.06, 0.45, 0.66
HSL	52°, 29%, 26%
HSV	52°, 45%, 34%
XYZ	7.2933, 8.0685, 3.8623
YIQ	78.6190, 13.8940, -9.5140

# Conversions

## Conversions Part 2

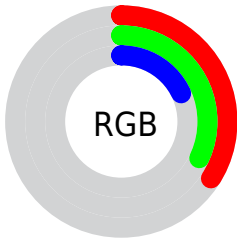
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 86, 47
Decimal	5656879
CIE Lab	34.13, -3.59, 20.71
CIE LCh	34, 21.017, 99.826
Yxy	8.0685, 0.3794, 0.4197
Android (android.graphics.Color)	4283846959 (0xFF56512F)
YUV	78.6190, -15.5882, 6.4731
Hunter-Lab	28.4052, -3.8776, 11.8218

# Details

The Decimal color **5656879** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3093590**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **9011806**, and **2630912** is the 20% darker color. If you saturate the color by 10%, you get **5656614**, and if you desaturate by 10%, it is **5657144**.

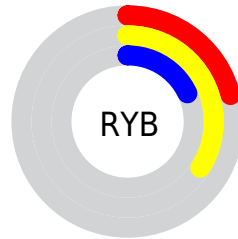
# Distribution



Red (34%)

Green (32%)

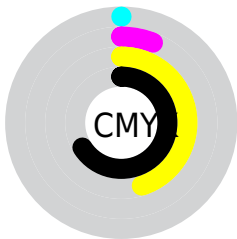
Blue (18%)



Red (21%)

Yellow (34%)

Blue (18%)

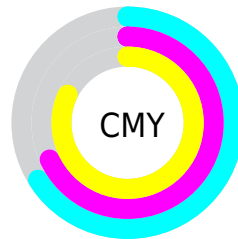


Cyan (0%)

Magenta (6%)

Yellow (45%)

Black (66%)



Cyan (66%)

Magenta (68%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5656879 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 5656879 by changing the saturation by 10% instead.





5656879



5656879

16777215



4078105



9011806



2630912



10722422



921600



12564368



0



14406571



16248774



16777186



5656879



5656879



5656614



5657144

■ 5656350

■ 5657408

■ 5656085

■ 5657673

■ 5655821

■ 5657937

■ 5655300

■ 5658458

■ 5655296

■ 5658723

■ 5658987

■ 5659252

■ 5659516

# Harmonies

## Analogous

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



6638385



5656879



4478518

# Triad

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



5656879



1071205



6964572

# Complementary

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



5656879



3093590

# 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.



5851754



5656879



2512239

# Square

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



5656879



1726805



4280433



7422795

# Rectangle

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



5656879



3561535



4280433



6637153



# Sweetspot

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



5656879



7368288



5648180



3684143



12105912



3684408



# Same Dimension

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



5656879



7366708



4740655



2829095



7036160



15453440



# Inverse Universe

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



3093590



3423088



4009814



2566187



3691



7915



# Previews

## White Background



This preview shows how the Decimal color 5656879 looks on a white background.

## Color Contrast Check

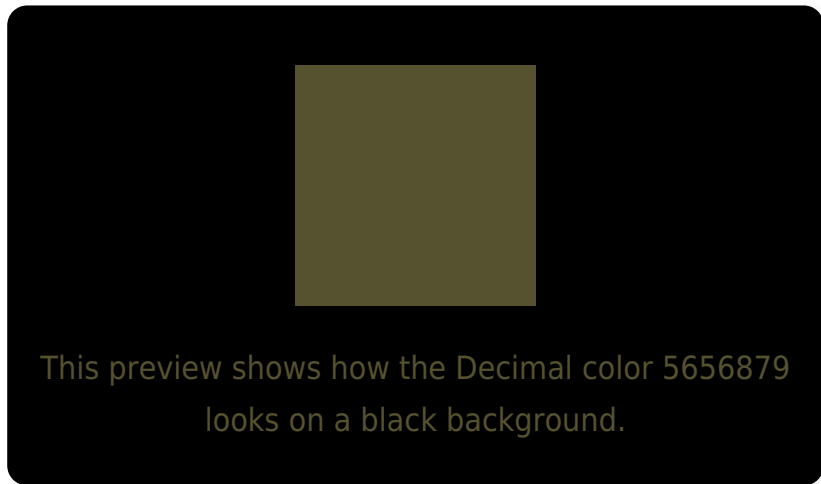
Large Text (above 18pt) WCAG AA ✓ Pass

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

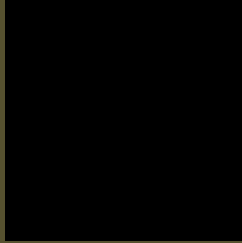
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5656879 Background



This preview shows how black text looks on a background with the Decimal color 5656879.

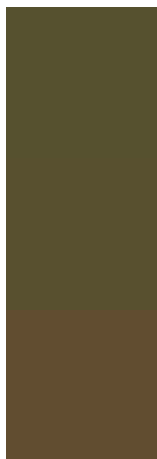


This preview shows how white text looks on a background with the Decimal color 5656879.

# 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**


5656879

**Protanopia**

5787695

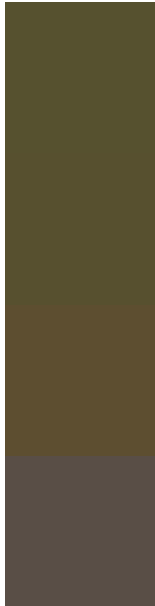
**Deuteranopia**

6376752



**Tritanopia**  
5918035

# Trichromacy



**Original Color**  
5656879

**Protanomaly**  
5722159

**Deuteranomaly**  
6114864

**Tritanomaly**  
5852742

# Monochromacy



**Original Color**  
5656879

**Achromatopsia**  
5197647

**Achromatomaly**  
5394499

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5656879 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 #56512F looks like.

```
.text, #text, p{  
    color:#56512F  
}
```

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 #56512F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56512F
}
```

## Border

The CSS property to change the border of an element to Decimal 5656879 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".

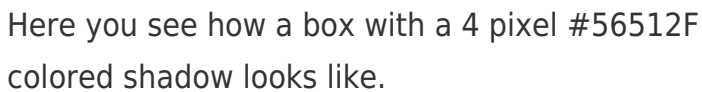
```
.border, #border, table{ border:4px solid
#56512F }
```

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

```
.border{ border-color:#56512F }
```

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

Here you see how a box with a 4 pixel #56512F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56512F; -webkit-box-shadow:4px 4px  
4px 4px #56512F; box-shadow:4px 4px 4px  
4px #56512F }
```

# Background

The CSS property to change the background color of an element to Decimal 5656879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56512F }
```

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

```
.background{ background-color:#56512F }
```

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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