

# Converting Colors

Decimal(5275178)

Have a look what the booklet for  
Decimal(5275178) contains.

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**Color**

**Decimal(5275178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	507E2A
RGB	80, 126, 42
RGB Percent	31%, 49%, 16%
CMY	0.6863, 0.5059, 0.8353
CMYK	0.37, 0.00, 0.67, 0.51
HSL	93°, 50%, 33%
HSV	93°, 67%, 49%
XYZ	11.1870, 16.7943, 4.8425
YIQ	102.6700, -0.4520, -35.8760

# Conversions

## Conversions Part 2

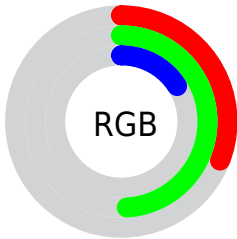
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 126, 88
Decimal	5275178
CIE <sub>Lab</sub>	48.00, -30.83, 39.48
CIE <sub>LCh</sub>	48, 50.093, 127.979
Yxy	16.7943, 0.3408, 0.5117
Android (android.graphics.Color)	4283465258 (0xFF507E2A)
YUV	102.6700, -29.9103, -19.8816
Hunter-Lab	40.9809, -22.9894, 21.6806

# Details

The Decimal color **5275178** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5778046**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8696668**, and **1854464** is the 20% darker color. If you saturate the color by 10%, you get **4816413**, and if you desaturate by 10%, it is **5733943**.

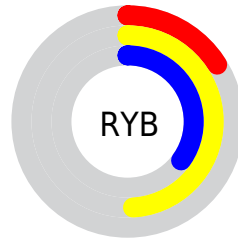
# Distribution



Red (31%)

Green (49%)

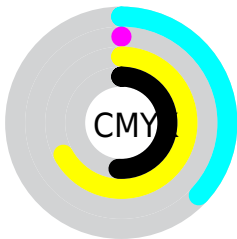
Blue (16%)



Red (16%)

Yellow (49%)

Blue (35%)

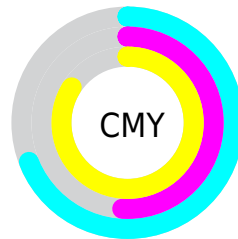


Cyan (37%)

Magenta (0%)

Yellow (67%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5275178 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 5275178 by changing the saturation by 10% instead.



 5275178

 5275178

16777215

 3564816

 8696668

 1854464

 10538869

 13568

 12315536

 8704

 14221227

 0

 16121798

 16777187

 5275178

 5275178

 4816413

 5733943

■ 4357649

■ 6192707

■ 3898884

■ 6651472

■ 3767808

■ 7110236

■ 7503465

■ 7962230

■ 8420994

■ 8879759

■ 9338523

# Harmonies

## Analogous

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



8221458



5275178



33873

# Triad

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



5275178



32704



12470632

# Complementary

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



5275178



5778046

# 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.



11423891



5275178



2651078

# Square

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



5275178



34213



8544949



12079936

# Rectangle

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



5275178



34414



8544949



12274295



# Sweetspot

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



5275178



9544579



8279850



4674110



13750737



5395026



# Same Dimension

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



5275178



6071073



2784813



3948601



3833856



0



# Inverse Universe

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



5778046



6824355



8268411



4012352



4587648



0



# Previews

## White Background



This preview shows how the Decimal color 5275178 looks on a white background.

## Color Contrast Check

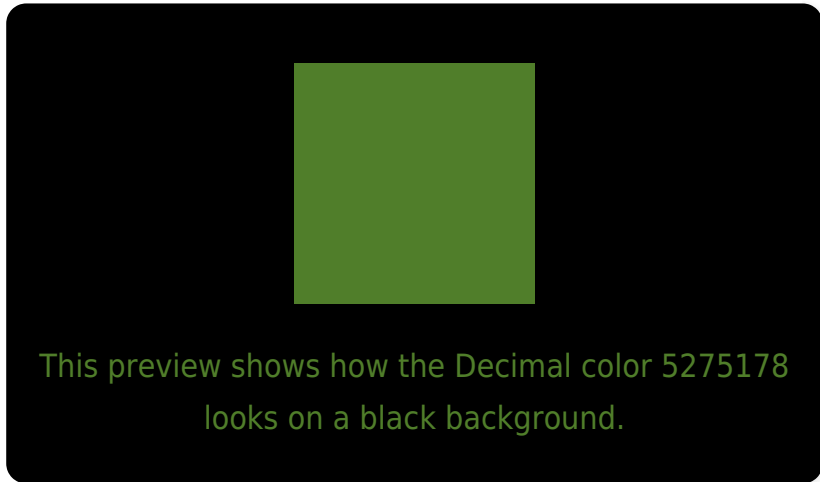
Large Text (above 18pt) WCAG AA ✓ Pass

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 5275178 Background



This preview shows how black text looks on a background with the Decimal color 5275178.



This preview shows how white text looks on a background with the Decimal color 5275178.

# 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**  
5275178

**Protanopia**  
8352295

**Deuteranopia**  
9268272



**Tritanopia**  
6059647

# Trichromacy



**Original Color**  
5275178

**Protanomaly**  
7239208

**Deuteranomaly**  
7828270

**Tritanomaly**  
5798240

# Monochromacy



**Original Color**  
5275178

**Achromatopsia**  
6776679

**Achromatomaly**  
6254417

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5275178 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 #507E2A looks like.

```
.text, #text, p{  
    color:#507E2A  
}
```

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 #507E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507E2A
}
```

## Border

The CSS property to change the border of an element to Decimal 5275178 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".

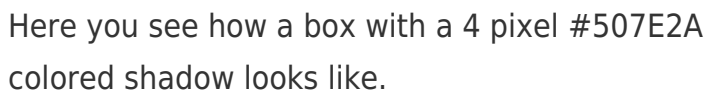
```
.border, #border, table{ border:4px solid
#507E2A }
```

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

```
.border{ border-color:#507E2A }
```

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

Here you see how a box with a 4 pixel #507E2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507E2A; -webkit-box-shadow:4px 4px  
4px 4px #507E2A; box-shadow:4px 4px 4px  
4px #507E2A }
```

# Background

The CSS property to change the background color of an element to Decimal 5275178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507E2A }
```

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

```
.background{ background-color:#507E2A }
```

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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