

# Converting Colors

Decimal(5475163)

Have a look what the booklet for  
Decimal(5475163) contains.

<b>Decimal(5475163)</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(5475163)**

# Conversions

## Conversions Part 1

Format	Color
Hex	538B5B
RGB	83, 139, 91
RGB Percent	33%, 55%, 36%
CMY	0.6745, 0.4549, 0.6431
CMYK	0.40, 0.00, 0.35, 0.45
HSL	129°, 25%, 44%
HSV	129°, 40%, 55%
XYZ	14.6882, 21.0596, 13.1883
YIQ	116.7840, -17.9680, -26.8000

# Conversions

## Conversions Part 2

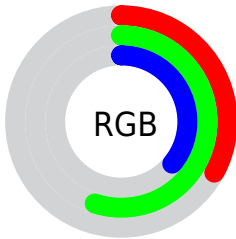
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 132, 139
Decimal	5475163
CIELab	53.01, -29.16, 20.04
CIELCh	53, 35.380, 145.508
Yxy	21.0596, 0.3002, 0.4303
Android (android.graphics.Color)	4283665243 (0xFF538B5B)
YUV	116.7840, -12.7115, -29.6286
Hunter-Lab	45.8907, -23.1763, 15.0845

# Details

The Decimal color **5475163** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9130883**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8896910**, and **2119725** is the 20% darker color. If you saturate the color by 10%, you get **4557647**, and if you desaturate by 10%, it is **6392679**.

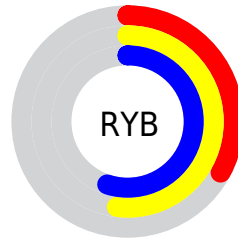
# Distribution



Red (33%)

Green (55%)

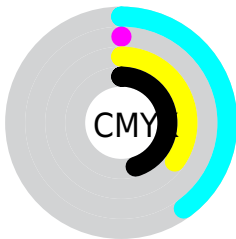
Blue (36%)



Red (33%)

Yellow (52%)

Blue (55%)

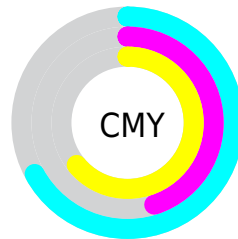


Cyan (40%)

Magenta (0%)

Yellow (35%)

Black (45%)



Cyan (67%)

Magenta (45%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5475163 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 5475163 by changing the saturation by 10% instead.




 5475163

 5475163

16777215

 3830083

 8896910

 2119725

 10673576

 147735

 12516035

 10752

 14352351

 4608

 16252924

 0

 5475163

 5475163

 4557647

 6392679

 3640131

 7310195

 2722615

 8227711

 1805099

 9145227

 953119

 10062743

 35604

 10914722

 11832238

 12749754

 13667270

# Harmonies

## Analogous

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



7832902



5475163



2068089

# Triad

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



5475163



4490171



12085350

# Complementary

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



5475163



9130883

# 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.



11888260



5475163



8091829

# Square

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



5475163



35504



10513825



11366477

# Rectangle

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



5475163



36494



10513825



12150384



# Sweetspot

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



5475163



10466722



8686419



5200977



14408667



6052956



# Same Dimension

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



5475163



6206827



5475190



4080959



34067



1281



# Inverse Universe

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



9130883



11886249



9130856



4537924



8716402



327684



# Previews

## White Background



This preview shows how the Decimal color 5475163 looks on a white background.

## Color Contrast Check

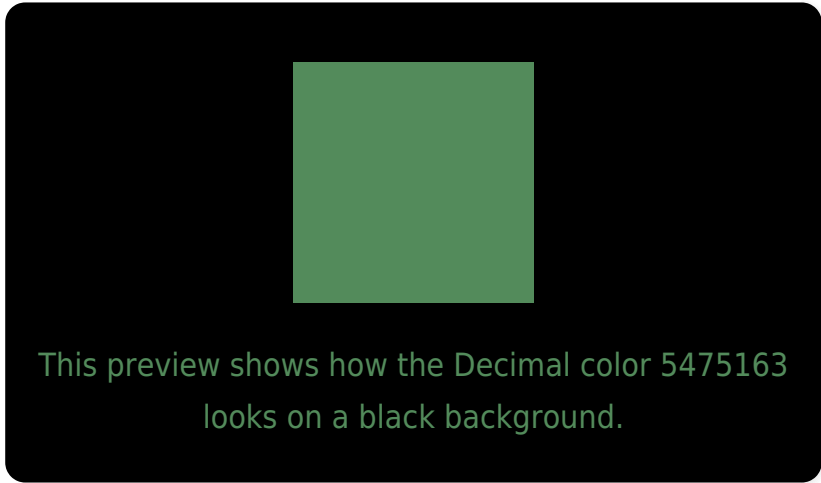
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 5475163 Background



This preview shows how black text looks on a background with the Decimal color 5475163.



This preview shows how white text looks on a background with the Decimal color 5475163.

# 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**  
6194575

# Trichromacy



**Original Color**  
5475163

**Protanomaly**  
7701336

**Deuteranomaly**  
8159326

**Tritanomaly**  
5932924

# Monochromacy



**Original Color**  
5475163

**Achromatopsia**  
7697781

**Achromatomaly**  
6913388

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5475163 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 #538B5B looks like.

```
.text, #text, p{  
    color:#538B5B  
}
```

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 #538B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538B5B
}
```

## Border

The CSS property to change the border of an element to Decimal 5475163 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
#538B5B }
```

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

```
.border{ border-color:#538B5B }
```

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

Here you see how a box with a 4 pixel #538B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538B5B; -webkit-box-shadow:4px 4px  
4px 4px #538B5B; box-shadow:4px 4px 4px  
4px #538B5B }
```

# Background

The CSS property to change the background color of an element to Decimal 5475163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538B5B }
```

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

```
.background{ background-color:#538B5B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor