

Converting Colors

Decimal(5406530)

Have a look what the booklet for
Decimal(5406530) contains.

Decimal(5406530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5406530)

Conversions

Conversions Part 1

Format	Color
Hex	527F42
RGB	82, 127, 66
RGB Percent	32%, 50%, 26%
CMY	0.6784, 0.5020, 0.7412
CMYK	0.35, 0.00, 0.48, 0.50
HSL	104°, 32%, 38%
HSV	104°, 48%, 50%
XYZ	12.0524, 17.3659, 7.8710
YIQ	106.5910, -7.2390, -28.5110

Conversions

Conversions Part 2

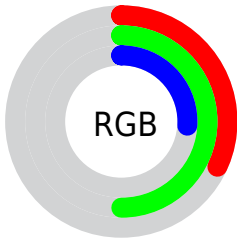
Format	Color
RYB	66, 127, 111
Decimal	5406530
CIELab	48.72, -27.76, 28.27
CIELCh	49, 39.619, 134.479
Yxy	17.3659, 0.3232, 0.4657
Android (android.graphics.Color)	4283596610 (0xFF527F42)
YUV	106.5910, -20.0114, -21.5663
Hunter-Lab	41.6724, -21.3014, 17.9722

Details

The Decimal color **5406530** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7291519**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8828019**, and **2116884** is the 20% darker color. If you saturate the color by 10%, you get **4816693**, and if you desaturate by 10%, it is **5996367**.

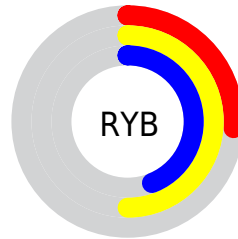
Distribution



Red (32%)

Green (50%)

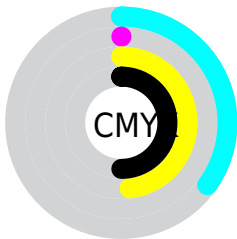
Blue (26%)



Red (26%)

Yellow (50%)

Blue (44%)

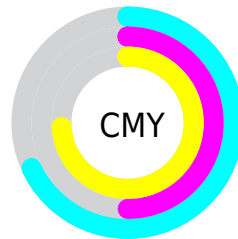


Cyan (35%)

Magenta (0%)

Yellow (48%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5406530 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 5406530 by changing the saturation by 10% instead.

■ 5406530

■ 5406530

16777215

■ 3761707

■ 8828019

■ 2116884

■ 10539149

■ 472576

■ 12381352

■ 8704

■ 14221251

■ 0

■ 16121823

16777212

■ 5406530

■ 5406530

■ 4816693

■ 5996367

■ 4161321

■ 6651739

■ 3571484

■ 7241576

■ 2981647

■ 7831413

■ 2326275

■ 8486786

■ 2195200

■ 9076622

■ 9731995

■ 10321832

■ 10911668

Harmonies

Analogous

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



7894832



5406530



1344353

Triad

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



5406530



31924



11753317

Complementary

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



5406530



7291519

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.



11098759



5406530



5796533

Square

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



5406530



33442



9135268



11231046

Rectangle

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



5406530



34168



9135268



11622256

Sweetspot

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



5406530



9807503



8351554



4871238



13948116



5526612

Same Dimension

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



5406530



6268486



4357968



3883065



2195456



0

Inverse Universe

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



7291519



9258662



8340081



4077888



6160512



0

Previews

White Background



This preview shows how the Decimal color 5406530 looks on a white background.

Color Contrast Check

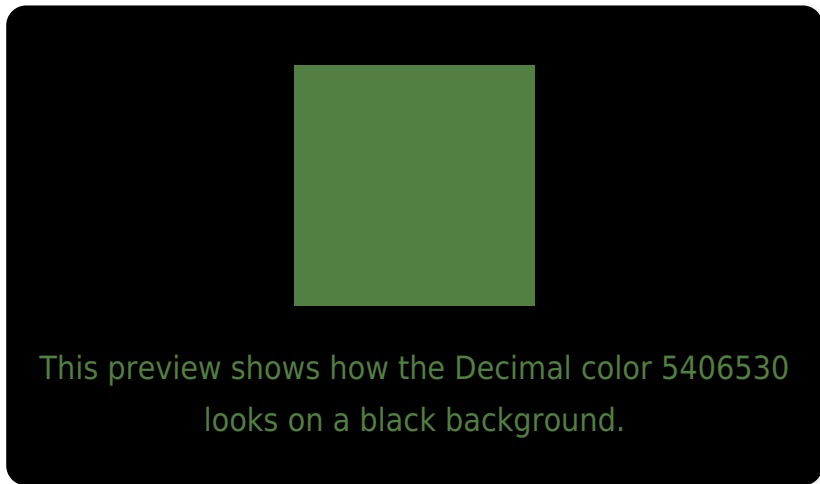
Large Text (above 18pt) WCAG AA ✓ Pass

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 5406530 Background



This preview shows how black text looks on a background with the Decimal color 5406530.



This preview shows how white text looks on a background with the Decimal color 5406530.

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
5406530

Protanopia
8352574

Deuteranopia
9203270



Tritanopia
6125697

Trichromacy



Original Color
5406530

Protanomaly
7305023

Deuteranomaly
7828549

Tritanomaly
5864298

Monochromacy



Original Color
5406530

Achromatopsia
7039851

Achromatomaly
6451804

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5406530 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 #527F42 looks like.

```
.text, #text, p{  
  color:#527F42  
}
```

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 #527F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527F42
}
```

Border

The CSS property to change the border of an element to Decimal 5406530 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".

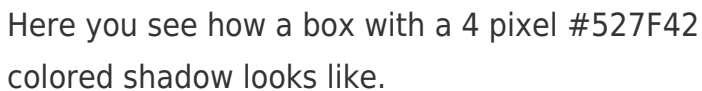
```
.border, #border, table{ border:4px solid
#527F42 }
```

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

```
.border{ border-color:#527F42 }
```

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

Here you see how a box with a 4 pixel #527F42 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527F42; -webkit-box-shadow:4px 4px  
4px 4px #527F42; box-shadow:4px 4px 4px  
4px #527F42 }
```

Background

The CSS property to change the background color of an element to Decimal 5406530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527F42 }
```

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

```
.background{ background-color:#527F42 }
```

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