

Converting Colors

Decimal(5211213)

Have a look what the booklet for
Decimal(5211213) contains.

Decimal(5211213)	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(5211213)

Conversions

Conversions Part 1

Format	Color
Hex	4F844D
RGB	79, 132, 77
RGB Percent	31%, 52%, 30%
CMY	0.6902, 0.4824, 0.6980
CMYK	0.40, 0.00, 0.42, 0.48
HSL	118°, 26%, 41%
HSV	118°, 42%, 52%
XYZ	12.8153, 18.7006, 9.9553
YIQ	109.8830, -13.9330, -28.3410

Conversions

Conversions Part 2

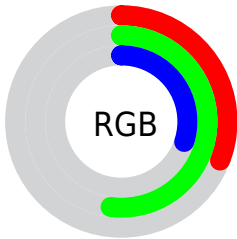
Format	Color
RYB	77, 132, 130
Decimal	5211213
CIELab	50.34, -29.54, 24.27
CIELCh	50, 38.230, 140.591
Yxy	18.7006, 0.3090, 0.4509
Android (android.graphics.Color)	4283401293 (0xFF4F844D)
YUV	109.8830, -16.2113, -27.0844
Hunter-Lab	43.2442, -22.7795, 16.6217

Details

The Decimal color **5211213** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8539524**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **8632703**, and **1856031** is the 20% darker color. If you saturate the color by 10%, you get **4359232**, and if you desaturate by 10%, it is **6063194**.

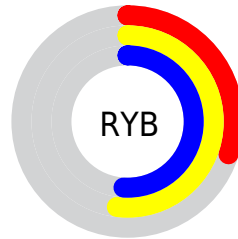
Distribution



Red (31%)

Green (52%)

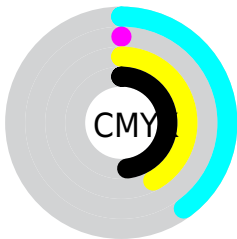
Blue (30%)



Red (30%)

Yellow (52%)

Blue (51%)

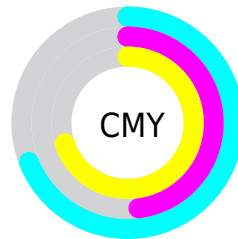


Cyan (40%)

Magenta (0%)

Yellow (42%)

Black (48%)



Cyan (69%)

Magenta (48%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5211213 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 5211213 by changing the saturation by 10% instead.



5211213



5211213

16777215



3566134



8632703



1856031



10409369



14856



12186292



9472



14024655



512



15925228



0



5211213



5211213



4359232



6063194



3572787



6849639

■ 2720805

■ 7701621

■ 1868824

■ 8553602

■ 1016843

■ 9405583

■ 361472

■ 10192028

■ 11044009

■ 11895991

■ 12682436

Harmonies

Analogous

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



7699769



5211213



821356

Triad

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



5211213



1998520



11886179

Complementary

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



5211213



8539524

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.



11492995



5211213



6976437

Square

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



5211213



34217



9856929



11233095

Rectangle

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



5211213



34947



9856929



11885933

Sweetspot

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



5211213



9808789



8683853



4806473



14079702



5723991

Same Dimension

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



5211213



5876565



5080166



3949116



360960



768

Inverse Universe

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



8539524



11031979



8670571



4340802



8192130



131075

Previews

White Background



This preview shows how the Decimal color 5211213 looks on a white background.

Color Contrast Check

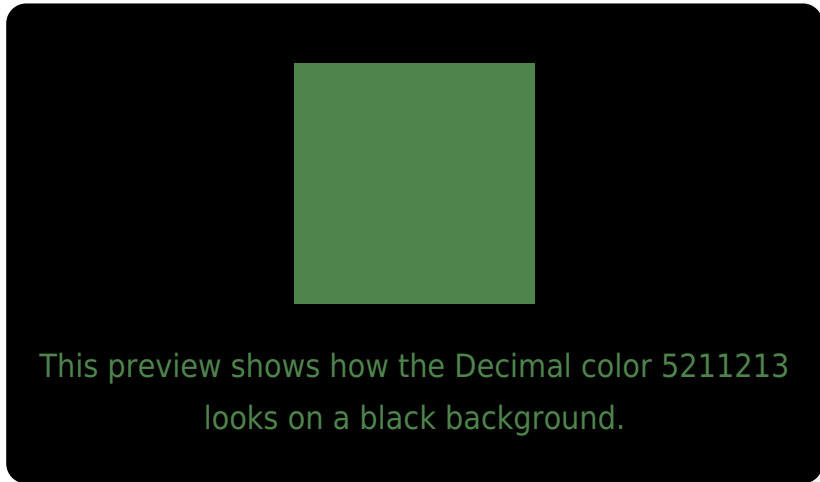
Large Text (above 18pt) WCAG AA ✓ Pass

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

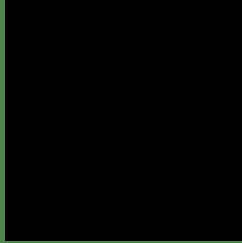
Any Text WCAG AA ✓ Pass

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 5211213 Background



This preview shows how black text looks on a background with the Decimal color 5211213.



This preview shows how white text looks on a background with the Decimal color 5211213.

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
5211213

Protanopia
8550216

Deuteranopia
9400913



Tritanopia
5930375

Trichromacy



Original Color
5211213

Protanomaly
7306314

Deuteranomaly
7895376

Tritanomaly
5668978

Monochromacy



Original Color
5211213

Achromatopsia
7237230

Achromatomaly
6518370

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5211213 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 #4F844D looks like.

```
.text, #text, p{  
    color:#4F844D  
}
```

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 #4F844D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F844D
}
```

Border

The CSS property to change the border of an element to Decimal 5211213 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
#4F844D }
```

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

```
.border{ border-color:#4F844D }
```

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

Here you see how a box with a 4 pixel #4F844D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F844D; -webkit-box-shadow:4px 4px  
4px 4px #4F844D; box-shadow:4px 4px 4px  
4px #4F844D }
```

Background

The CSS property to change the background color of an element to Decimal 5211213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F844D }
```

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

```
.background{ background-color:#4F844D }
```

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