

Converting Colors

Decimal(5200966)

Have a look what the booklet for
Decimal(5200966) contains.

Decimal(5200966)	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(5200966)

Conversions

Conversions Part 1

Format	Color
Hex	4F5C46
RGB	79, 92, 70
RGB Percent	31%, 36%, 27%
CMY	0.6902, 0.6392, 0.7255
CMYK	0.14, 0.00, 0.24, 0.64
HSL	95°, 14%, 32%
HSV	95°, 24%, 36%
XYZ	8.1571, 9.7588, 7.2481
YIQ	85.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

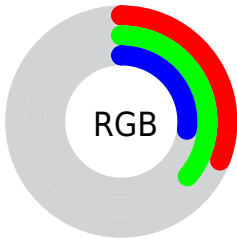
Format	Color
R_{YB}	70, 92, 83
Decimal	5200966
CIE _{Lab}	37.41, -9.65, 11.02
CIE _{LCh}	37, 14.651, 131.200
Yxy	9.7588, 0.3242, 0.3878
Android (android.graphics.Color)	4283391046 (0xFF4F5C46)
YUV	85.6050, -7.6933, -5.7926
Hunter-Lab	31.2390, -8.0586, 8.1109

Details

The Decimal color **5200966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5457500**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8425078**, and **2240027** is the 20% darker color. If you saturate the color by 10%, you get **4873277**, and if you desaturate by 10%, it is **5528655**.

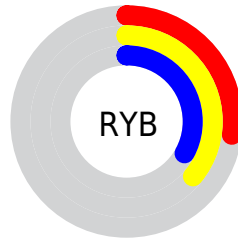
Distribution



Red (31%)

Green (36%)

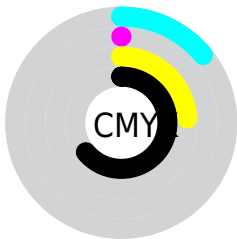
Blue (27%)



Red (27%)

Yellow (36%)

Blue (33%)

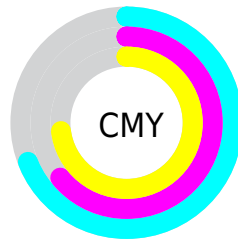


Cyan (14%)

Magenta (0%)

Yellow (24%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5200966 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 5200966 by changing the saturation by 10% instead.



5200966



5200966

16777215



3687472



8425078



2240027



10135952



924160



11912363



0



13754566



15596770



5200966



5200966



4873277



5528655



4480052



5921880

■ 4152362

■ 6249570

■ 3759137

■ 6642795

■ 3431448

■ 6970484

■ 3038223

■ 7363709

■ 2710534

■ 7691398

■ 2513920

■ 8019088

■ 8412313

Harmonies

Analogous

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



6052161



5200966



4349520

Triad

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



5200966



4217710



7360596

Complementary

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



5200966



5457500

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.



7032928



5200966



5265519

Square

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



5200966



3628647



6247530



7295305

Rectangle

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



5200966



3891032



6247530



7295064

Sweetspot

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



5200966



7567471



6050630



3816760



12434877



4013373

Same Dimension

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



5200966



6518869



4611144



2829865



2977280



6417664

Inverse Universe

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



5457500



6968696



6047322



2894126



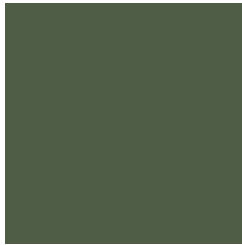
4259950



9175277

Previews

White Background



This preview shows how the Decimal color 5200966 looks on a white background.

Color Contrast Check

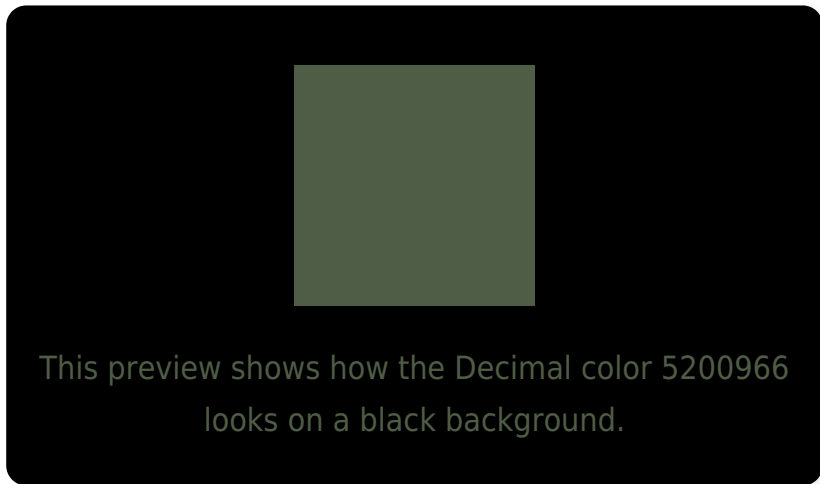
Large Text (above 18pt) WCAG AA ✓ Pass

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

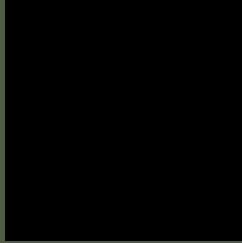
Any Text WCAG AA × Fail

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 5200966 Background



This preview shows how black text looks on a background with the Decimal color 5200966.

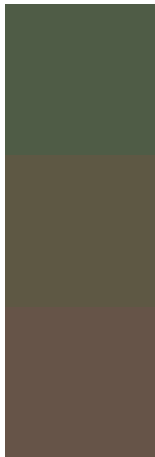


This preview shows how white text looks on a background with the Decimal color 5200966.

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
5200966

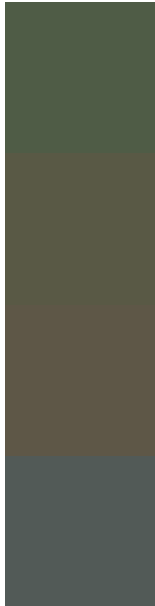
Protanopia
6182980

Deuteranopia
6706248



Tritanopia
5462368

Trichromacy



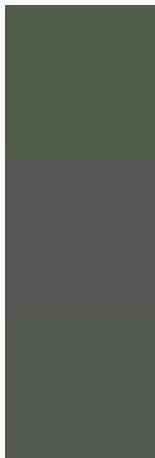
Original Color
5200966

Protanomaly
5855557

Deuteranomaly
6182727

Tritanomaly
5397079

Monochromacy



Original Color
5200966

Achromatopsia
5658198

Achromatomaly
5462096

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5200966 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 #4F5C46 looks like.

```
.text, #text, p{  
    color:#4F5C46  
}
```

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 #4F5C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5C46
}
```

Border

The CSS property to change the border of an element to Decimal 5200966 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
#4F5C46 }
```

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

```
.border{ border-color:#4F5C46 }
```

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

Here you see how a box with a 4 pixel #4F5C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5C46; -webkit-box-shadow:4px 4px  
4px 4px #4F5C46; box-shadow:4px 4px 4px  
4px #4F5C46 }
```

Background

The CSS property to change the background color of an element to Decimal 5200966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5C46 }
```

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

```
.background{ background-color:#4F5C46 }
```

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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