

Converting Colors

Decimal(5006921)

Have a look what the booklet for
Decimal(5006921) contains.

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Color

Decimal(5006921)

Conversions

Conversions Part 1

Format	Color
Hex	4C6649
RGB	76, 102, 73
RGB Percent	30%, 40%, 29%
CMY	0.7020, 0.6000, 0.7137
CMYK	0.25, 0.00, 0.28, 0.60
HSL	114°, 17%, 34%
HSV	114°, 28%, 40%
XYZ	8.9345, 11.5203, 8.0561
YIQ	90.9200, -6.1870, -14.5310

Conversions

Conversions Part 2

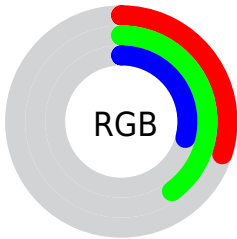
Format	Color
R_{YB}	73, 102, 99
Decimal	5006921
CIE _{Lab}	40.44, -15.95, 13.35
CIE _{LCh}	40, 20.800, 140.059
Yxy	11.5203, 0.3134, 0.4041
Android (android.graphics.Color)	4283197001 (0xFF4C6649)
YUV	90.9200, -8.8346, -13.0848
Hunter-Lab	33.9415, -12.4110, 9.6865

Details

The Decimal color **5006921** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6506854**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8296826**, and **2045725** is the 20% darker color. If you saturate the color by 10%, you get **4417087**, and if you desaturate by 10%, it is **5596755**.

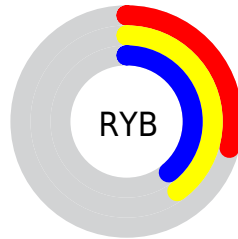
Distribution



Red (30%)

Green (40%)

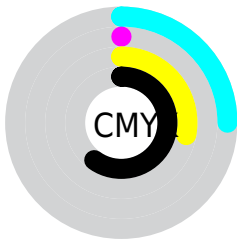
Blue (29%)



Red (29%)

Yellow (40%)

Blue (39%)

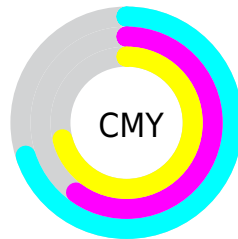


Cyan (25%)

Magenta (0%)

Yellow (28%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5006921 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 5006921 by changing the saturation by 10% instead.

■ 5006921

■ 5006921

16777215

■ 3493426

■ 8296826

■ 2045725

■ 10007700

■ 663813

■ 11718830

■ 768

■ 13561034

■ 0

■ 15400934

■ 5006921

■ 5006921

■ 4417087

■ 5596755

■ 3827253

■ 6186589

■ 3237418

■ 6776424

■ 2582048

■ 7431794

■ 1992214

■ 8021628

■ 1402380

■ 8611462

■ 812546

■ 9201296

■ 747008

■ 9791131

■ 10380965

Harmonies

Analogous

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



6251071



5006921



3696729

Triad

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



5006921



4219776



8475476

Complementary

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



5006921



6506854

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.



8213350



5006921



5922175

Square

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



5006921



2844537



7296885



8148806

Rectangle

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



5006921



2910565



7296885



8475482

Sweetspot

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



5006921



8029561



6710089



3949115



12763842



4342338

Same Dimension

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



5006921



6063448



4810324



3027758



815872



1700352

Inverse Universe

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



6506854



8411269



6703451



3288627



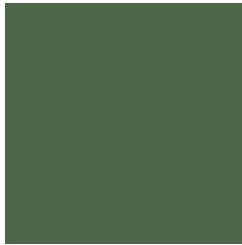
6750323



14221554

Previews

White Background



This preview shows how the Decimal color 5006921 looks on a white background.

Color Contrast Check

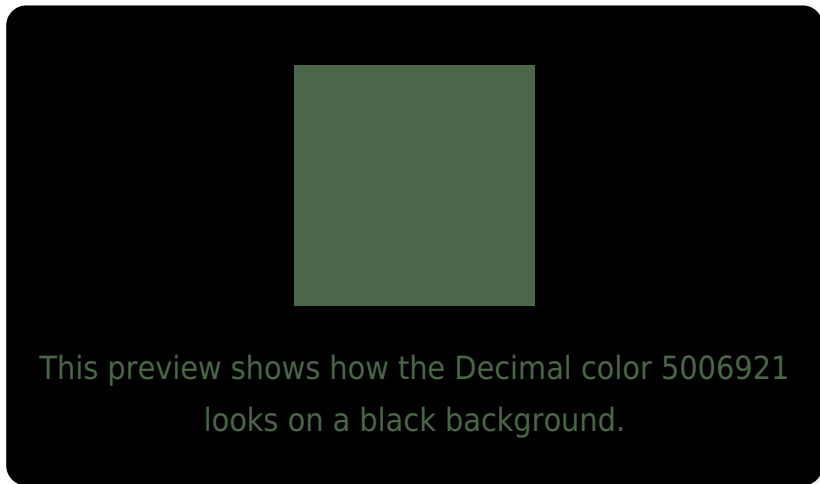
Large Text (above 18pt) WCAG AA ✓ Pass

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

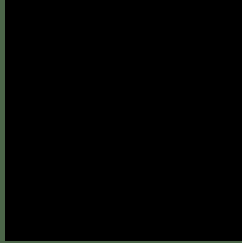
Any Text WCAG AA × Fail

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 5006921 Background



This preview shows how black text looks on a background with the Decimal color 5006921.

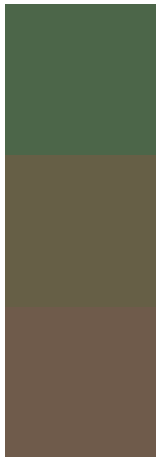


This preview shows how white text looks on a background with the Decimal color 5006921.

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](#).

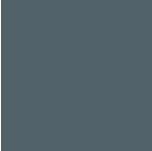
Dichromacy



Original Color
5006921

Protanopia
6709062

Deuteranopia
7297867



Tritanopia
5399146

Trichromacy



Original Color
5006921

Protanomaly
6120007

Deuteranomaly
6446922

Tritanomaly
5268318

Monochromacy



Original Color
5006921

Achromatopsia
5987163

Achromatomaly
5660500

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5006921 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 #4C6649 looks like.

```
.text, #text, p{  
    color:#4C6649  
}
```

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 #4C6649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6649
}
```

Border

The CSS property to change the border of an element to Decimal 5006921 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
#4C6649 }
```

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

```
.border{ border-color:#4C6649 }
```

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

Here you see how a box with a 4 pixel #4C6649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6649; -webkit-box-shadow:4px 4px  
4px 4px #4C6649; box-shadow:4px 4px 4px  
4px #4C6649 }
```

Background

The CSS property to change the background color of an element to Decimal 5006921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6649 }
```

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

```
.background{ background-color:#4C6649 }
```

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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