

Converting Colors

Decimal(5003056)

Have a look what the booklet for
Decimal(5003056) contains.

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Color

Decimal(5003056)

Conversions

Conversions Part 1

Format	Color
Hex	4C5730
RGB	76, 87, 48
RGB Percent	30%, 34%, 19%
CMY	0.7020, 0.6588, 0.8118
CMYK	0.13, 0.00, 0.45, 0.66
HSL	77°, 29%, 26%
HSV	77°, 45%, 34%
XYZ	6.9222, 8.5663, 4.0849
YIQ	79.2650, 5.9630, -14.4610

Conversions

Conversions Part 2

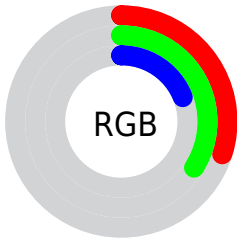
Format	Color
R_{YB}	48, 87, 59
Decimal	5003056
CIE Lab	35.14, -11.61, 21.21
CIE LCh	35, 24.180, 118.689
Yxy	8.5663, 0.3537, 0.4376
Android (android.graphics.Color)	4283193136 (0xFF4C5730)
YUV	79.2650, -15.4136, -2.8634
Hunter-Lab	29.2682, -9.0026, 12.2127

Details

The Decimal color **5003056** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3878999**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **8292703**, and **2042369** is the 20% darker color. If you saturate the color by 10%, you get **4871975**, and if you desaturate by 10%, it is **5134137**.

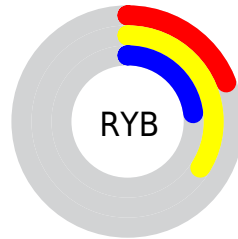
Distribution



Red (30%)

Green (34%)

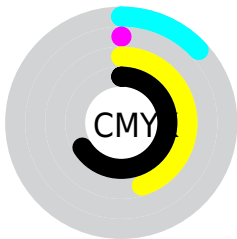
Blue (19%)



Red (19%)

Yellow (34%)

Blue (23%)

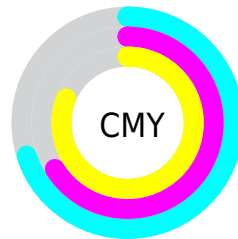


Cyan (13%)

Magenta (0%)

Yellow (45%)

Black (66%)



Cyan (70%)

Magenta (66%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5003056 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 5003056 by changing the saturation by 10% instead.

■ 5003056

■ 5003056

16777215

■ 3489818

■ 8292703

■ 2042369

■ 10003320

■ 5632

■ 11779730

■ 0

■ 13556396

■ 15464136

■ 16777188

■ 5003056

■ 5003056

■ 4871975

■ 5134137

■ 4675359

■ 5330753

■ 4544278

■ 5461834

■ 4347661

■ 5658451

■ 4216580

■ 5789532

■ 4085504

■ 5986148

■ 6117229

■ 6313846

■ 6444926

Harmonies

Analogous

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



6312236



5003056



3496766

Triad

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



5003056



481907



7750484

Complementary

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



5003056



3878999

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.



6965095



5003056



3429753

Square

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



5003056



23652



5459572



7816513

Rectangle

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



5003056



2317386



5459572



7554139

Sweetspot

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



5003056



7106658



5716528



3553327



12105912



3684408

Same Dimension

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



5003056



6254644



3757872



2763559



5073664



11070208

Inverse Universe

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



3878999



4535408



5124183



2631467



1966187



4325611

Previews

White Background



This preview shows how the Decimal color 5003056 looks on a white background.

Color Contrast Check

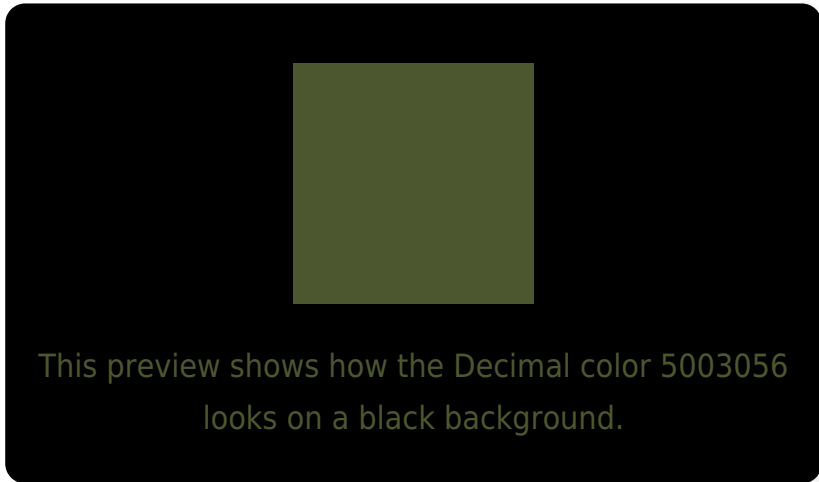
Large Text (above 18pt) WCAG AA ✓ Pass

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

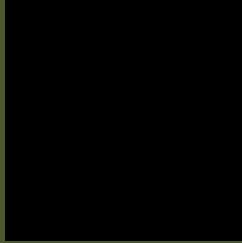
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

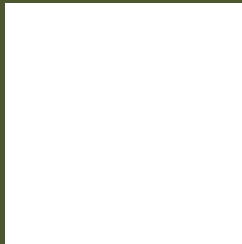
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5003056 Background



This preview shows how black text looks on a background with the Decimal color 5003056.



This preview shows how white text looks on a background with the Decimal color 5003056.

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
5003056

Protanopia
5985070

Deuteranopia
6573874



Tritanopia
5329497

Trichromacy



Original Color
5003056

Protanomaly
5657647

Deuteranomaly
5984817

Tritanomaly
5198922

Monochromacy



Original Color
5003056

Achromatopsia
5197647

Achromatomaly
5132868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5003056 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 #4C5730 looks like.

```
.text, #text, p{  
    color:#4C5730  
}
```

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 #4C5730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5730
}
```

Border

The CSS property to change the border of an element to Decimal 5003056 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
#4C5730 }
```

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

```
.border{ border-color:#4C5730 }
```

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

Here you see how a box with a 4 pixel #4C5730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5730; -webkit-box-shadow:4px 4px  
4px 4px #4C5730; box-shadow:4px 4px 4px  
4px #4C5730 }
```

Background

The CSS property to change the background color of an element to Decimal 5003056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5730 }
```

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

```
.background{ background-color:#4C5730 }
```

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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