

Converting Colors

Decimal(5003834)

Have a look what the booklet for
Decimal(5003834) contains.

Decimal(5003834)	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(5003834)

Conversions

Conversions Part 1

Format	Color
Hex	4C5A3A
RGB	76, 90, 58
RGB Percent	30%, 35%, 23%
CMY	0.7020, 0.6471, 0.7725
CMYK	0.16, 0.00, 0.36, 0.65
HSL	86°, 22%, 29%
HSV	86°, 36%, 35%
XYZ	7.4004, 9.1543, 5.3799
YIQ	82.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

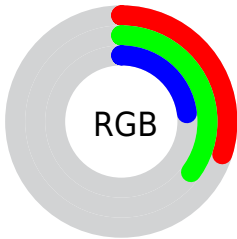
Format	Color
RYB	58, 90, 72
Decimal	5003834
CIELab	36.28, -11.84, 16.75
CIElCh	36, 20.509, 125.255
Yxy	9.1543, 0.3374, 0.4173
Android (android.graphics.Color)	4283193914 (0xFF4C5A3A)
YUV	82.1660, -11.9138, -5.4076
Hunter-Lab	30.2561, -9.2886, 10.6368

Details

The Decimal color **5003834** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4733530**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8227945**, and **2042895** is the 20% darker color. If you saturate the color by 10%, you get **4741681**, and if you desaturate by 10%, it is **5265987**.

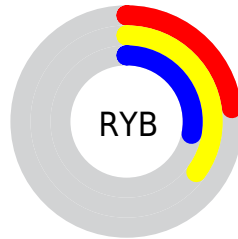
Distribution



Red (30%)

Green (35%)

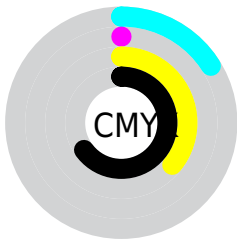
Blue (23%)



Red (23%)

Yellow (35%)

Blue (28%)

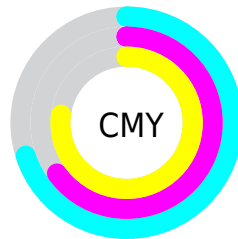


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5003834 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 5003834 by changing the saturation by 10% instead.

■ 5003834

■ 5003834

16777215

■ 3490596

■ 8227945

■ 2042895

■ 9938563

■ 268544

■ 11715229

■ 0

■ 13557432

■ 15399636

■ 16777200

■ 5003834

■ 5003834

■ 4741681

■ 5265987

■ 4479528

■ 5528140

■ 4217375

■ 5790293

■ 3955222

■ 6052446

■ 3693069

■ 6314599

■ 3430916

■ 6576752

■ 3365376

■ 6838905

■ 7101058

■ 7297675

Harmonies

Analogous

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



6182196



5003834



3693895

Triad

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



5003834



2775923



7686483

Complementary

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



5003834



4733530

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.



7162723



5003834



4413046

Square

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



5003834



1793640



5984368



7686979

Rectangle

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



5003834



2842194



5984368



7555417

Sweetspot

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



5003834



7370088



5916730



3619635



12237498



3881787

Same Dimension

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



5003834



6255939



3955258



2895401



4091392



8776960

Inverse Universe

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



4733530



5849973



5782106



2828590



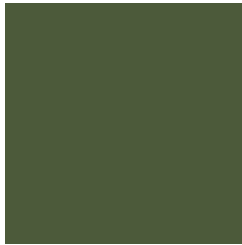
3145838



6815981

Previews

White Background



This preview shows how the Decimal color 5003834 looks on a white background.

Color Contrast Check

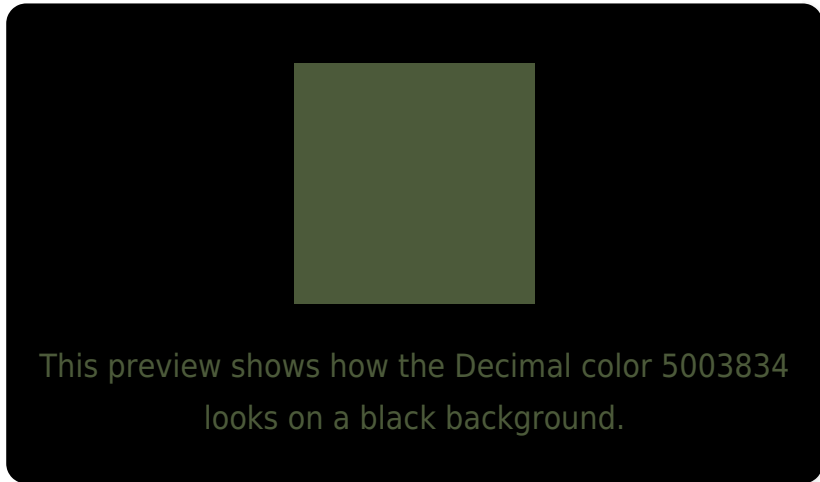
Large Text (above 18pt) WCAG AA ✓ Pass

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

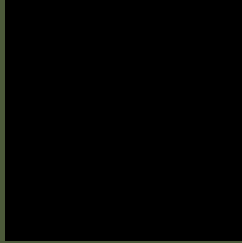
Any Text WCAG AA × Fail

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 5003834 Background



This preview shows how black text looks on a background with the Decimal color 5003834.



This preview shows how white text looks on a background with the Decimal color 5003834.

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

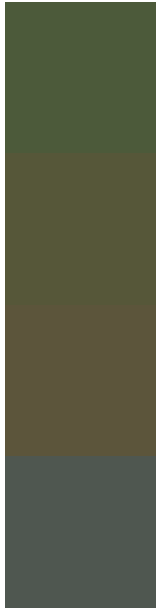


Original Color
5003834

Protanopia
6051128

Deuteranopia
6640188

Trichromacy



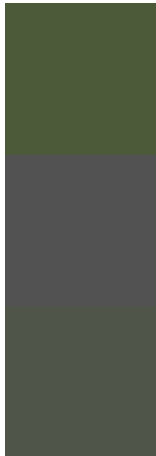
Original Color
5003834

Protanomaly
5658425

Deuteranomaly
6051131

Tritanomaly
5199696

Monochromacy



Original Color
5003834

Achromatopsia
5395026

Achromatomaly
5264713

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5003834 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 #4C5A3A looks like.

```
.text, #text, p{  
  color:#4C5A3A  
}
```

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 #4C5A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5A3A
}
```

Border

The CSS property to change the border of an element to Decimal 5003834 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
#4C5A3A }
```

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

```
.border{ border-color:#4C5A3A }
```

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

Here you see how a box with a 4 pixel #4C5A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5A3A; -webkit-box-shadow:4px 4px  
4px 4px #4C5A3A; box-shadow:4px 4px 4px  
4px #4C5A3A }
```

Background

The CSS property to change the background color of an element to Decimal 5003834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5A3A }
```

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

```
.background{ background-color:#4C5A3A }
```

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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