

Converting Colors

Decimal(5003044)

Have a look what the booklet for
Decimal(5003044) contains.

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Color

Decimal(5003044)

Conversions

Conversions Part 1

Format	Color
Hex	4C5724
RGB	76, 87, 36
RGB Percent	30%, 34%, 14%
CMY	0.7020, 0.6588, 0.8588
CMYK	0.13, 0.00, 0.59, 0.66
HSL	73°, 41%, 24%
HSV	73°, 59%, 34%
XYZ	6.7071, 8.4803, 2.9524
YIQ	77.8970, 9.8150, -18.1930

Conversions

Conversions Part 2

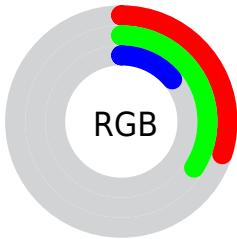
Format	Color
RYB	36, 87, 47
Decimal	5003044
CIELab	34.96, -13.05, 27.78
CIELCh	35, 30.696, 115.164
Yxy	8.4803, 0.3697, 0.4675
Android (android.graphics.Color)	4283193124 (0xFF4C5724)
YUV	77.8970, -20.6552, -1.6637
Hunter-Lab	29.1209, -9.8494, 14.3735

Details

The Decimal color **5003044** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3089495**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8292691**, and **2042368** is the 20% darker color. If you saturate the color by 10%, you get **4871963**, and if you desaturate by 10%, it is **5134125**.

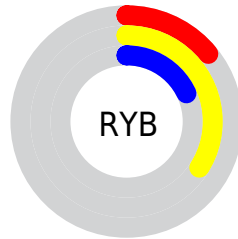
Distribution



Red (30%)

Green (34%)

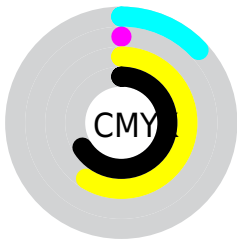
Blue (14%)



Red (14%)

Yellow (34%)

Blue (18%)

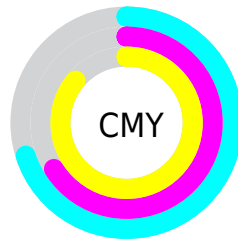


Cyan (13%)

Magenta (0%)

Yellow (59%)

Black (66%)



Cyan (70%)

Magenta (66%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5003044 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 5003044 by changing the saturation by 10% instead.



5003044



5003044

16777215



3424269



8292691



2042368



10068843



5888



11845253



0



13687455



15529658



16777174



16777203



5003044



5003044

■ 4871963

■ 5134125

■ 4740883

■ 5265205

■ 4609802

■ 5396286

■ 4478721

■ 5527367

■ 4478720

■ 5592912

■ 5723992

■ 5855073

■ 5986154

■ 6117234

Harmonies

Analogous

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



6574112



5003044



3038261

Triad

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



5003044



23674



8207959

Complementary

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



5003044



3089495

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.



7160942



5003044



1595011

Square

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



5003044



24166



5131647



8404799

Rectangle

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



5003044



876101



5131647



7946079

Sweetspot

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



5003044



7106652



5713444



3487788



12105912



3684408

Same Dimension

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



5003044



6254626



3364644



2763559



5532416



12118784

Inverse Universe

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



3089495



3351152



4727895



2631467



1507435



3342571

Previews

White Background



This preview shows how the Decimal color 5003044 looks on a white background.

Color Contrast Check

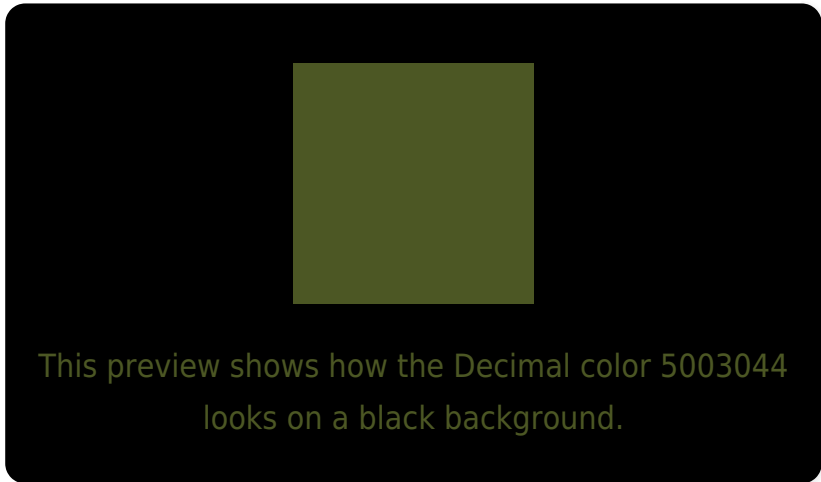
Large Text (above 18pt) WCAG AA ✓ Pass

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

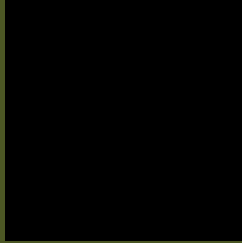
Any Text WCAG AA × Fail

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 5003044 Background



This preview shows how black text looks on a background with the Decimal color 5003044.



This preview shows how white text looks on a background with the Decimal color 5003044.

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
5003044

Protanopia
5984803

Deuteranopia
6639143



Tritanopia
5395032

Trichromacy



Original Color
5003044

Protanomaly
5657635

Deuteranomaly
6050086

Tritanomaly
5264453

Monochromacy



Original Color
5003044

Achromatopsia
5131854

Achromatomaly
5067071

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5003044 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 #4C5724 looks like.

```
.text, #text, p{  
  color:#4C5724  
}
```

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 #4C5724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5724
}
```

Border

The CSS property to change the border of an element to Decimal 5003044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

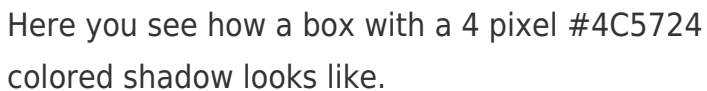
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5724 }
```

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

```
.border{ border-color:#4C5724 }
```

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



Here you see how a box with a 4 pixel #4C5724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5724; -webkit-box-shadow:4px 4px  
4px 4px #4C5724; box-shadow:4px 4px 4px  
4px #4C5724 }
```

Background

The CSS property to change the background color of an element to Decimal 5003044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5724 }
```

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

```
.background{ background-color:#4C5724 }
```

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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