

Converting Colors

Decimal(5068042)

Have a look what the booklet for
Decimal(5068042) contains.

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Color

Decimal(5068042)

Conversions

Conversions Part 1

Format	Color
Hex	4D550A
RGB	77, 85, 10
RGB Percent	30%, 33%, 4%
CMY	0.6980, 0.6667, 0.9608
CMYK	0.09, 0.00, 0.88, 0.67
HSL	66°, 79%, 19%
HSV	66°, 88%, 33%
XYZ	6.3639, 8.0967, 1.5146
YIQ	74.0580, 19.3070, -25.0210

Conversions

Conversions Part 2

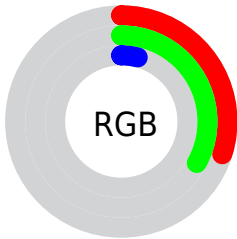
Format	Color
RYB	10, 85, 18
Decimal	5068042
CIELab	34.18, -13.28, 38.42
CIELCh	34, 40.653, 109.061
Yxy	8.0967, 0.3984, 0.5068
Android (android.graphics.Color)	4283258122 (0xFF4D550A)
YUV	74.0580, -31.5806, 2.5801
Hunter-Lab	28.4547, -9.8744, 16.7624

Details

The Decimal color **5068042** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1182293**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **8423229**, and **1910784** is the 20% darker color. If you saturate the color by 10%, you get **5002498**, and if you desaturate by 10%, it is **5133587**.

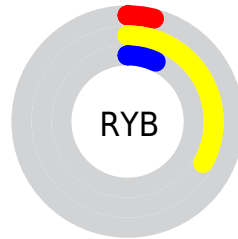
Distribution



Red (30%)

Green (33%)

Blue (4%)



Red (4%)

Yellow (33%)

Blue (7%)

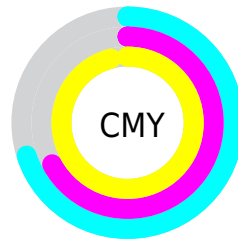


Cyan (9%)

Magenta (0%)

Yellow (88%)

Black (67%)



Cyan (70%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5068042 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 5068042 by changing the saturation by 10% instead.

 5068042

 5068042

 16777208

 3489280

 8423229

 1910784

 10199381

 5376

 12041326

 0

 13883272

 15791267

 16777151

 16777179

 5068042

 5068042

■ 5002498

■ 5133587

■ 5002496

■ 5199131

■ 5264676

■ 5330220

■ 5395765

■ 5395773

■ 5461318

■ 5526862

■ 5592406

Harmonies

Analogous

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



7031561



5068042



2448419

Triad

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



5068042



24193



8729438

Complementary

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



5068042



1182293

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.



7094139



5068042



22416

Square

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



5068042



24677



3755406



9056829

Rectangle

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



5068042



24120



3755406



8337000

Sweetspot

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



5068042



7040593



5575178



3553319



12105912



3684408

Same Dimension

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



5068042



6450688



2643210



2829095



6318848



13822720

Inverse Universe

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



1182293



786542



3607125



2565931



721003



1638635

Previews

White Background



This preview shows how the Decimal color 5068042 looks on a white background.

Color Contrast Check

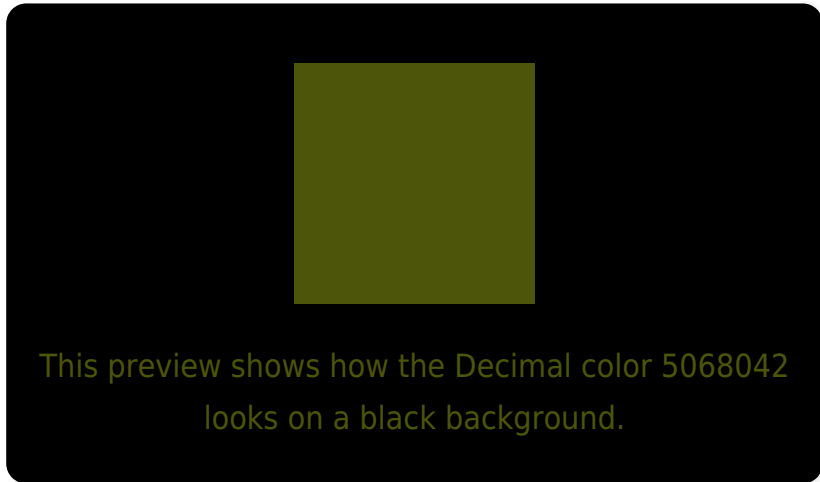
Large Text (above 18pt) WCAG AA ✓ Pass

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

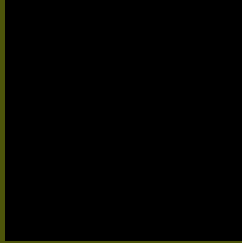
Any Text WCAG AA × Fail

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 5068042 Background



This preview shows how black text looks on a background with the Decimal color 5068042.



This preview shows how white text looks on a background with the Decimal color 5068042.

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
5068042

Protanopia
5984520

Deuteranopia
6638609



Tritanopia
5459797

Trichromacy



Original Color
5068042

Protanomaly
5657097

Deuteranomaly
6049550

Tritanomaly
5329210

Monochromacy



Original Color
5068042

Achromatopsia
4868682

Achromatomaly
4935219

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5068042 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 #4D550A looks like.

```
.text, #text, p{  
    color:#4D550A  
}
```

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 #4D550A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D550A
}
```

Border

The CSS property to change the border of an element to Decimal 5068042 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
#4D550A }
```

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

```
.border{ border-color:#4D550A }
```

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

Here you see how a box with a 4 pixel #4D550A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D550A; -webkit-box-shadow:4px 4px  
4px 4px #4D550A; box-shadow:4px 4px 4px  
4px #4D550A }
```

Background

The CSS property to change the background color of an element to Decimal 5068042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D550A }
```

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

```
.background{ background-color:#4D550A }
```

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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