

Converting Colors

Decimal(5002768)

Have a look what the booklet for
Decimal(5002768) contains.

Decimal(5002768)	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(5002768)

Conversions

Conversions Part 1

Format	Color
Hex	4C5610
RGB	76, 86, 16
RGB Percent	30%, 34%, 6%
CMY	0.7020, 0.6627, 0.9373
CMYK	0.12, 0.00, 0.81, 0.66
HSL	69°, 69%, 20%
HSV	69°, 81%, 34%
XYZ	6.4018, 8.2295, 1.7413
YIQ	75.0300, 16.5100, -23.8900

Conversions

Conversions Part 2

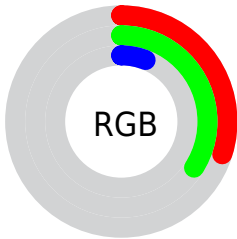
Format	Color
R_{YB}	16, 86, 26
Decimal	5002768
CIE Lab	34.46, -14.05, 36.61
CIE LCh	34, 39.209, 110.997
Yxy	8.2295, 0.3910, 0.5026
Android (android.graphics.Color)	4283192848 (0xFF4C5610)
YUV	75.0300, -29.1018, 0.8507
Hunter-Lab	28.6871, -10.3684, 16.4822

Details

The Decimal color **5002768** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1708118**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **8357953**, and **1845504** is the 20% darker color. If you saturate the color by 10%, you get **4937223**, and if you desaturate by 10%, it is **5068313**.

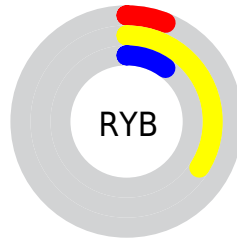
Distribution



 Red (30%)

 Green (34%)

 Blue (6%)




 Red (6%)

 Yellow (34%)

 Blue (10%)

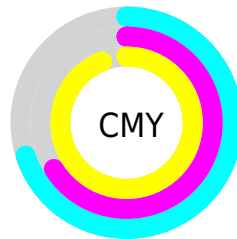



 Cyan (12%)

 Magenta (0%)

 Yellow (81%)

 Black (66%)



 Cyan (70%)

 Magenta (66%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5002768 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 5002768 by changing the saturation by 10% instead.

■ 5002768

■ 5002768

■ 16777212

■ 3424000

■ 8357953

■ 1845504

■ 10134105

■ 5632

■ 11910515

■ 0

■ 13752717

■ 15660456

■ 16777155

■ 16777183

■ 5002768

■ 5002768

■ 4937223

■ 5068313

■ 4871680

■ 5133857

■ 5264938

■ 5330482

■ 5396027

■ 5461572

■ 5592652

■ 5658197

■ 5723741

Harmonies

Analogous

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



6900749



5002768



2448424

Triad

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



5002768



24193



8729948

Complementary

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



5002768



1708118

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.



7225209



5002768



22415

Square

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



5002768



24678



4214155



8992061

Rectangle

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



5002768



24380



4214155



8337254

Sweetspot

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



5002768



7106645



5642512



3553320



12105912



3684408

Same Dimension

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



5002768



6320130



2774544



2829095



6056704



13232896

Inverse Universe

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



1708118



1180272



3936342



2631467



983147



2228459

Previews

White Background



This preview shows how the Decimal color 5002768 looks on a white background.

Color Contrast Check

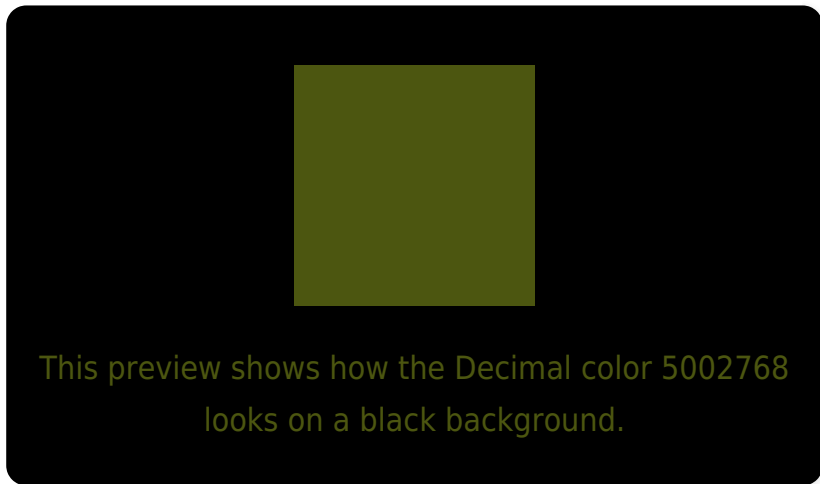
Large Text (above 18pt) WCAG AA ✓ Pass

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

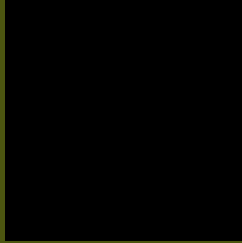
Any Text WCAG AA × Fail

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 5002768 Background



This preview shows how black text looks on a background with the Decimal color 5002768.



This preview shows how white text looks on a background with the Decimal color 5002768.

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
5002768

Protanopia
5984527

Deuteranopia
6704405



Tritanopia
5394518

Trichromacy



Original Color
5002768

Protanomaly
5657359

Deuteranomaly
6115347

Tritanomaly
5263933

Monochromacy



Original Color
5002768

Achromatopsia
4934475

Achromatomaly
4935478

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5002768 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 #4C5610 looks like.

```
.text, #text, p{  
    color:#4C5610  
}
```

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 #4C5610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5610
}
```

Border

The CSS property to change the border of an element to Decimal 5002768 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
#4C5610 }
```

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

```
.border{ border-color:#4C5610 }
```

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

Here you see how a box with a 4 pixel #4C5610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5610; -webkit-box-shadow:4px 4px  
4px 4px #4C5610; box-shadow:4px 4px 4px  
4px #4C5610 }
```

Background

The CSS property to change the background color of an element to Decimal 5002768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5610 }
```

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

```
.background{ background-color:#4C5610 }
```

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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