

Converting Colors

Decimal(4808240)

Have a look what the booklet for
Decimal(4808240) contains.

Decimal(4808240)	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(4808240)

Conversions

Conversions Part 1

Format	Color
Hex	495E30
RGB	73, 94, 48
RGB Percent	29%, 37%, 19%
CMY	0.7137, 0.6314, 0.8118
CMYK	0.22, 0.00, 0.49, 0.63
HSL	87°, 32%, 28%
HSV	87°, 49%, 37%
XYZ	7.2839, 9.6353, 4.2722
YIQ	82.4770, 2.2500, -18.7580

Conversions

Conversions Part 2

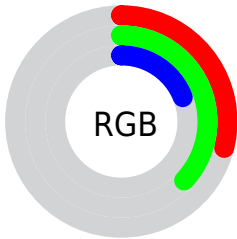
Format	Color
R_{YB}	48, 94, 69
Decimal	4808240
CIE _{Lab}	37.18, -16.84, 23.73
CIE _{LCh}	37, 29.099, 125.370
Yxy	9.6353, 0.3437, 0.4547
Android (android.graphics.Color)	4282998320 (0xFF495E30)
YUV	82.4770, -16.9972, -8.3113
Hunter-Lab	31.0407, -12.4354, 13.5683

Details

The Decimal color **4808240** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4534366**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **8097887**, and **1847297** is the 20% darker color. If you saturate the color by 10%, you get **4546087**, and if you desaturate by 10%, it is **5070393**.

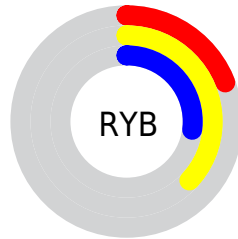
Distribution



Red (29%)

Green (37%)

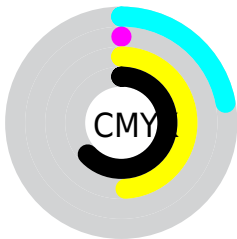
Blue (19%)



Red (19%)

Yellow (37%)

Blue (27%)

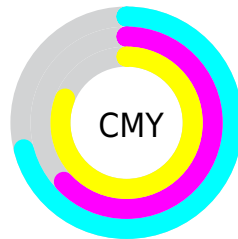


Cyan (22%)

Magenta (0%)

Yellow (49%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4808240 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 4808240 by changing the saturation by 10% instead.



4808240



4808240

16777215



3294746



8097887



1847297



9808760



7168



11585170



0



13361837



15269832



16777188



4808240



4808240



4546087



5070393

■ 4218397

■ 5398083

■ 3956244

■ 5660236

■ 3694090

■ 5922390

■ 3431937

■ 6184543

■ 3366400

■ 6512232

■ 6774386

■ 7036539

■ 7364229

Harmonies

Analogous

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



6445096



4808240



2777667

Triad

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



4808240



24450



8602708

Complementary

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



4808240



4534366

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.



7882859



4808240



3692678

Square

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



4808240



25458



6246526



8537918

Rectangle

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



4808240



287571



6246526



8471644

Sweetspot

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



4808240



7502440



6178096



3685682



12434877



4013373

Same Dimension

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



4808240



5863986



3300912



2895401



3960320



8514816

Inverse Universe

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



4534366



5452410



6041694



2828590



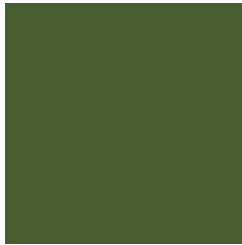
3276910



7078125

Previews

White Background



This preview shows how the Decimal color 4808240 looks on a white background.

Color Contrast Check

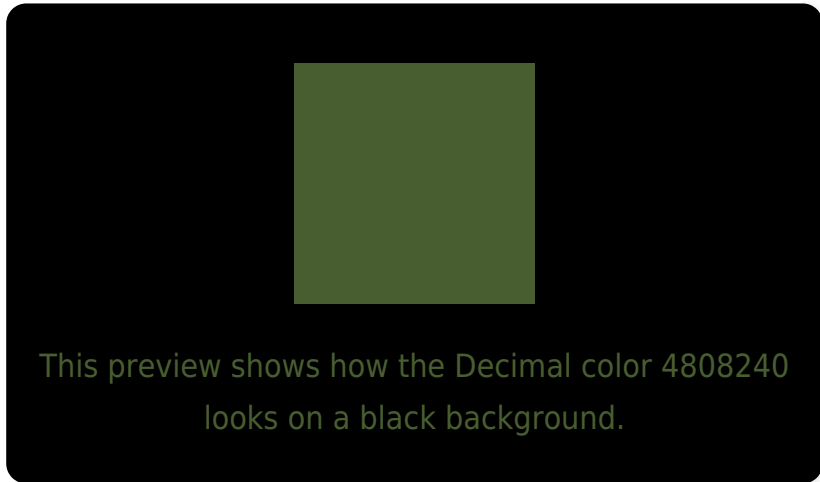
Large Text (above 18pt) WCAG AA ✓ Pass

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

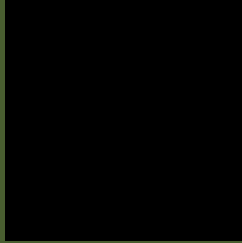
Any Text WCAG AA × Fail

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 4808240 Background



This preview shows how black text looks on a background with the Decimal color 4808240.



This preview shows how white text looks on a background with the Decimal color 4808240.

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](#).

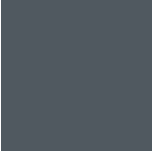
Dichromacy



Original Color
4808240

Protanopia
6313774

Deuteranopia
6968115



Tritanopia
5265760

Trichromacy



Original Color
4808240

Protanomaly
5790255

Deuteranomaly
6182706

Tritanomaly
5069647

Monochromacy



Original Color
4808240

Achromatopsia
5395026

Achromatomaly
5199430

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4808240 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 #495E30 looks like.

```
.text, #text, p{  
    color:#495E30  
}
```

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 #495E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495E30
}
```

Border

The CSS property to change the border of an element to Decimal 4808240 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
#495E30 }
```

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

```
.border{ border-color:#495E30 }
```

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

Here you see how a box with a 4 pixel #495E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495E30; -webkit-box-shadow:4px 4px  
4px 4px #495E30; box-shadow:4px 4px 4px  
4px #495E30 }
```

Background

The CSS property to change the background color of an element to Decimal 4808240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495E30 }
```

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

```
.background{ background-color:#495E30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor