

Converting Colors

Decimal(4742480)

Have a look what the booklet for
Decimal(4742480) contains.

Decimal(4742480)	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(4742480)

Conversions

Conversions Part 1

Format	Color
Hex	485D50
RGB	72, 93, 80
RGB Percent	28%, 36%, 31%
CMY	0.7176, 0.6353, 0.6863
CMYK	0.23, 0.00, 0.14, 0.64
HSL	143°, 13%, 32%
HSV	143°, 23%, 36%
XYZ	8.0348, 9.7856, 9.0547
YIQ	85.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

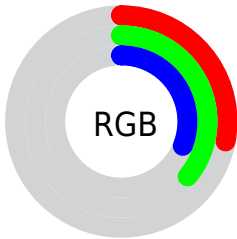
Format	Color
RYB	72, 87, 93
Decimal	4742480
CIELab	37.45, -10.97, 4.87
CIELCh	37, 12.000, 156.077
Yxy	9.7856, 0.2990, 0.3641
Android (android.graphics.Color)	4282932560 (0xFF485D50)
YUV	85.2390, -2.5828, -11.6106
Hunter-Lab	31.2820, -8.8955, 4.7355

Details

The Decimal color **4742480** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6113365**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **7966593**, and **1847076** is the 20% darker color. If you saturate the color by 10%, you get **4152650**, and if you desaturate by 10%, it is **5332310**.

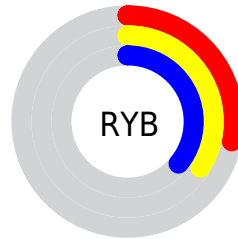
Distribution



Red (28%)

Green (36%)

Blue (31%)



Red (28%)

Yellow (34%)

Blue (36%)

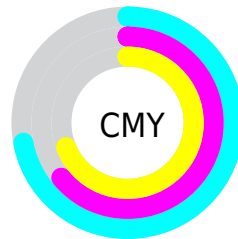


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4742480 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 4742480 by changing the saturation by 10% instead.

■ 4742480

■ 4742480

16777215

■ 3228985

■ 7966593

■ 1847076

■ 9677467

■ 269070

■ 11388342

■ 0

■ 13230546

■ 15073006

■ 4742480

■ 4742480

■ 4152650

■ 5332310

■ 3497284

■ 5987676

■ 2907455

■ 6577505

■ 2317625

■ 7167335

■ 1662259

■ 7757165

■ 1072429

■ 8412531

■ 482600

■ 9002360

■ 23843

■ 9592190

■ 10247556

Harmonies

Analogous

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



5462856



4742480



4218458

Triad

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



4742480



5265515



7098957

Complementary

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



4742480



6113365

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.



7098710



4742480



6051176

Square

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



4742480



4479850



6705760



6706503

Rectangle

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



4742480



4087392



6705760



7098960

Sweetspot

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



4742480



7305331



5594440



3685690



12434877



4013373

Same Dimension

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



4742480



5732452



4742490



2698795



28202



60762

Inverse Universe

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



6113365



7886700



6113355



3025196



7209028



15532179

Previews

White Background



This preview shows how the Decimal color 4742480 looks on a white background.

Color Contrast Check

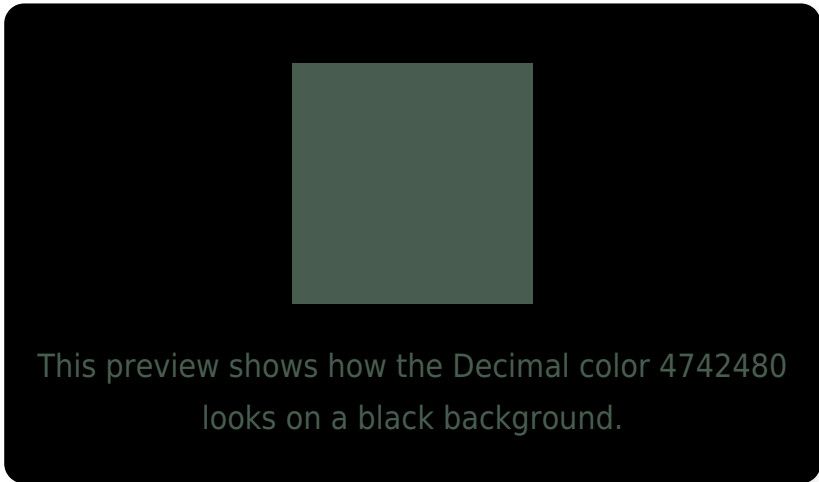
Large Text (above 18pt) WCAG AA ✓ Pass

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

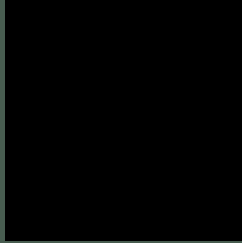
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

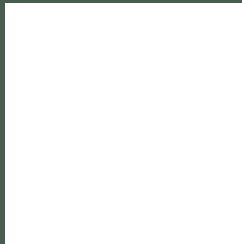
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4742480 Background



This preview shows how black text looks on a background with the Decimal color 4742480.



This preview shows how white text looks on a background with the Decimal color 4742480.

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

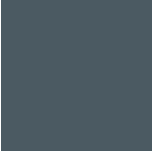
4742480

Protanopia

6051917

Deuteranopia

6509906



Tritanopia
4938338

Trichromacy



Original Color

4742480

Protanomaly

5593678

Deuteranomaly

5855313

Tritanomaly

4873051

Monochromacy



Original Color

4742480

Achromatopsia

5592405

Achromatomaly

5265491

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4742480 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 #485D50 looks like.

```
.text, #text, p{  
    color:#485D50  
}
```

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 #485D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485D50
}
```

Border

The CSS property to change the border of an element to Decimal 4742480 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
#485D50 }
```

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

```
.border{ border-color:#485D50 }
```

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

Here you see how a box with a 4 pixel #485D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485D50; -webkit-box-shadow:4px 4px  
4px 4px #485D50; box-shadow:4px 4px 4px  
4px #485D50 }
```

Background

The CSS property to change the background color of an element to Decimal 4742480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485D50 }
```

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

```
.background{ background-color:#485D50 }
```

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