

Converting Colors

Decimal(4807253)

Have a look what the booklet for
Decimal(4807253) contains.

Decimal(4807253)	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(4807253)

Conversions

Conversions Part 1

Format	Color
Hex	495A55
RGB	73, 90, 85
RGB Percent	29%, 35%, 33%
CMY	0.7137, 0.6471, 0.6667
CMYK	0.19, 0.00, 0.06, 0.65
HSL	162°, 10%, 32%
HSV	162°, 19%, 35%
XYZ	8.0435, 9.3847, 9.9818
YIQ	84.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

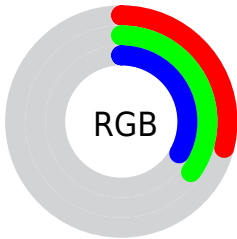
Format	Color
R_{YB}	73, 83, 90
Decimal	4807253
CIE Lab	36.71, -7.70, 0.71
CIE LCh	37, 7.731, 174.756
Yxy	9.3847, 0.2935, 0.3424
Android (android.graphics.Color)	4282997333 (0xFF495A55)
YUV	84.3470, 0.3219, -9.9513
Hunter-Lab	30.6344, -6.7425, 2.1252

Details

The Decimal color **4807253** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5917006**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8031367**, and **1911848** is the 20% darker color. If you saturate the color by 10%, you get **4217426**, and if you desaturate by 10%, it is **5397080**.

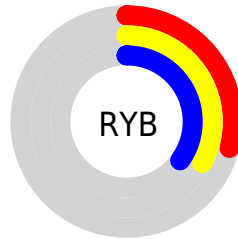
Distribution



Red (29%)

Green (35%)

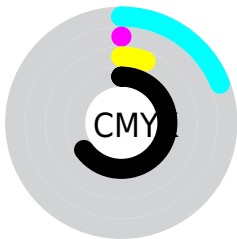
Blue (33%)



Red (29%)

Yellow (33%)

Blue (35%)

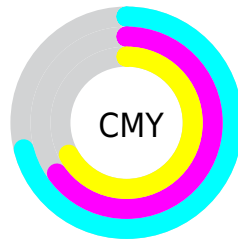


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4807253 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 4807253 by changing the saturation by 10% instead.

■ 4807253

■ 4807253

16777215

■ 3294014

■ 8031367

■ 1911848

■ 9741985

■ 333844

■ 11453116

■ 0

■ 13295063

■ 15137524

■ 4807253

■ 4807253

■ 4217426

■ 5397080

■ 3627600

■ 5986906

■ 3037773

■ 6576733

■ 2447946

■ 7166560

■ 1858120

■ 7756386

■ 1268293

■ 8346213

■ 678466

■ 8936040

■ 88640

■ 9525866

■ 23104

■ 10115693

Harmonies

Analogous

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



5200207



4807253



4676187

Triad

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



4807253



5657954



6444108

Complementary

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



4807253



5917006

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.



6574673



4807253



6181726

Square

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



4807253



5134179



6443608



6116938

Rectangle

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



4807253



4675935



6443608



6509390

Sweetspot

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



4807253



7239027



5134921



3619641



12237498



3881787

Same Dimension

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



4807253



5928301



4806490



2698797



28237



60839

Inverse Universe

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



5917006



7690850



5917769



3025195



7208992



15532102

Previews

White Background



This preview shows how the Decimal color 4807253 looks on a white background.

Color Contrast Check

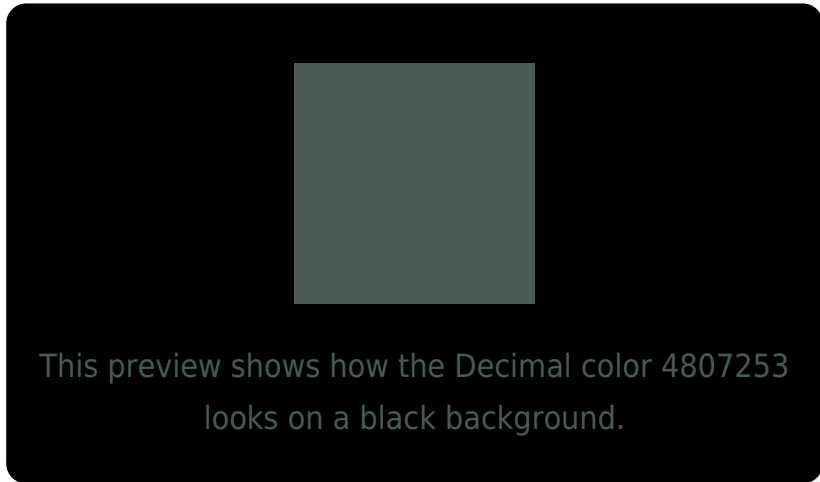
Large Text (above 18pt) WCAG AA ✓ Pass

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

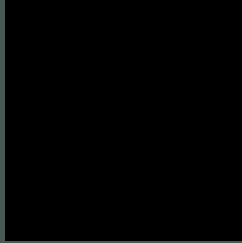
Any Text WCAG AA × Fail

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 4807253 Background



This preview shows how black text looks on a background with the Decimal color 4807253.



This preview shows how white text looks on a background with the Decimal color 4807253.

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

4807253

Protanopia

5854803

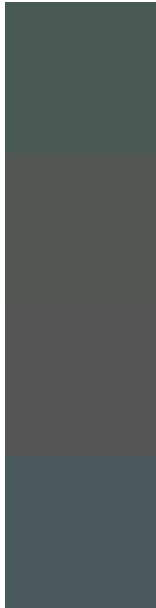
Deuteranopia

6181718



Tritanopia
4937823

Trichromacy



Original Color

4807253

Protanomaly

5461844

Deuteranomaly

5658198

Tritanomaly

4872539

Monochromacy



Original Color

4807253

Achromatopsia

5526612

Achromatomaly

5264980

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4807253 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 #495A55 looks like.

```
.text, #text, p{  
  color:#495A55  
}
```

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 #495A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495A55  
}
```

Border

The CSS property to change the border of an element to Decimal 4807253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

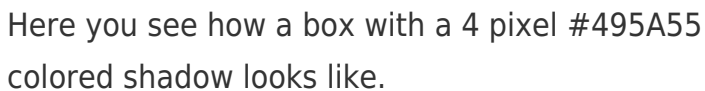
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#495A55 }
```

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

```
.border{ border-color:#495A55 }
```

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



Here you see how a box with a 4 pixel #495A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495A55; -webkit-box-shadow:4px 4px  
4px 4px #495A55; box-shadow:4px 4px 4px  
4px #495A55 }
```

Background

The CSS property to change the background color of an element to Decimal 4807253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495A55 }
```

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

```
.background{ background-color:#495A55 }
```

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