

Converting Colors

Decimal(4817764)

Have a look what the booklet for
Decimal(4817764) contains.

Decimal(4817764)	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(4817764)

Conversions

Conversions Part 1

Format	Color
Hex	498364
RGB	73, 131, 100
RGB Percent	29%, 51%, 39%
CMY	0.7137, 0.4863, 0.6078
CMYK	0.44, 0.00, 0.24, 0.49
HSL	148°, 28%, 40%
HSV	148°, 44%, 51%
XYZ	13.1642, 18.5692, 14.9470
YIQ	110.1240, -24.6170, -21.9370

Conversions

Conversions Part 2

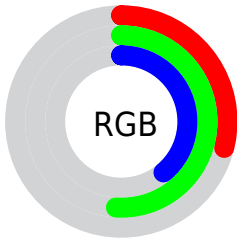
Format	Color
RYB	73, 113, 131
Decimal	4817764
CIELab	50.18, -26.56, 10.93
CIELCh	50, 28.721, 157.631
Yxy	18.5692, 0.2820, 0.3978
Android (android.graphics.Color)	4283007844 (0xFF498364)
YUV	110.1240, -4.9911, -32.5577
Hunter-Lab	43.0920, -20.8808, 9.5989

Details

The Decimal color **4817764** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8604008**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **8239255**, and **1397045** is the 20% darker color. If you saturate the color by 10%, you get **3965789**, and if you desaturate by 10%, it is **5669739**.

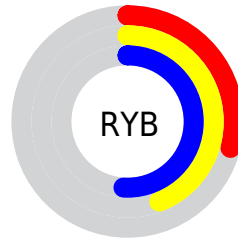
Distribution



Red (29%)

Green (51%)

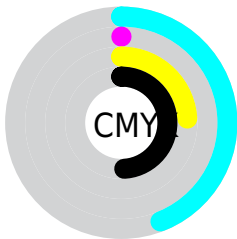
Blue (39%)



Red (29%)

Yellow (44%)

Blue (51%)

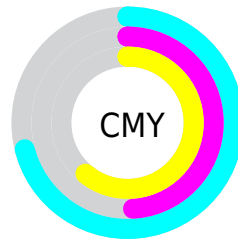


Cyan (44%)

Magenta (0%)

Yellow (24%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4817764 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 4817764 by changing the saturation by 10% instead.



4817764



4817764

16777215



3172940



8239255



1397045



9950386



14880



11792845



9225



13631465



256



15466495



0



4817764



4817764



3965789



5669739



3113814



6521714

■ 2261839

■ 7373689

■ 1409864

■ 8225664

■ 557889

■ 9143175

■ 33597

■ 9995150

■ 10847125

■ 11699100

■ 12551075

Harmonies

Analogous

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



6782800



4817764



2590077

Triad

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



4817764



6191272



10774619

Complementary

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



4817764



8604008

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.



10970226



4817764



8548254

Square

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



4817764



3440548



10184586



9924683

Rectangle

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



4817764



1279117



10184586



10970722

Sweetspot

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



4817764



9808799



6914889



4806479



14079702



5723991

Same Dimension

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



4817764



5286778



4817792



3949119



33341



769

Inverse Universe

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



8604008



11227265



8603980



4340799



8519750



196609

Previews

White Background



This preview shows how the Decimal color 4817764 looks on a white background.

Color Contrast Check

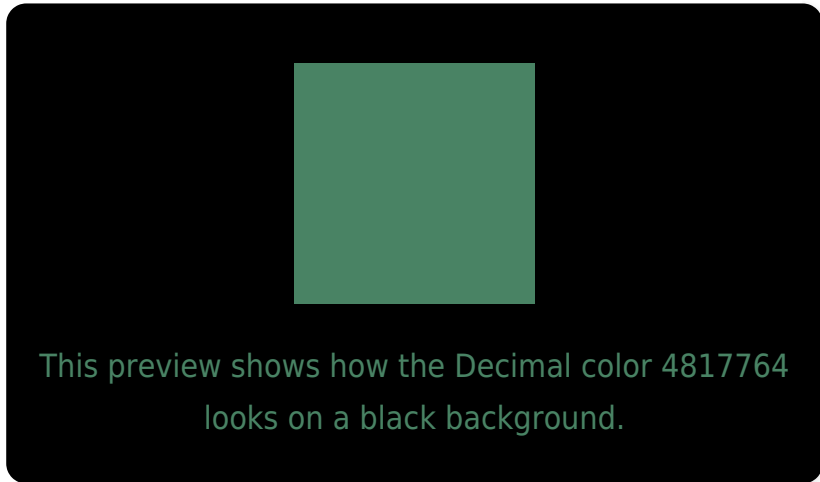
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

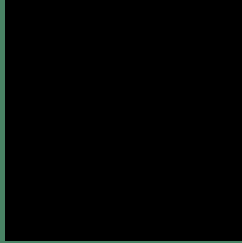
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4817764 Background



This preview shows how black text looks on a background with the Decimal color 4817764.



This preview shows how white text looks on a background with the Decimal color 4817764.

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
4817764

Protanopia
8288094

Deuteranopia
8942184



Tritanopia
5406344

Trichromacy



Original Color
4817764

Protanomaly
7043936

Deuteranomaly
7436391

Tritanomaly
5210235

Monochromacy



Original Color
4817764

Achromatopsia
7237230

Achromatomaly
6387306

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4817764 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 #498364 looks like.

```
.text, #text, p{  
    color:#498364  
}
```

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 #498364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498364
}
```

Border

The CSS property to change the border of an element to Decimal 4817764 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
#498364 }
```

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

```
.border{ border-color:#498364 }
```

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

Here you see how a box with a 4 pixel #498364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498364; -webkit-box-shadow:4px 4px  
4px 4px #498364; box-shadow:4px 4px 4px  
4px #498364 }
```

Background

The CSS property to change the background color of an element to Decimal 4817764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498364 }
```

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

```
.background{ background-color:#498364 }
```

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