

Converting Colors

Decimal(4750486)

Have a look what the booklet for
Decimal(4750486) contains.

Decimal(4750486)	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(4750486)

Conversions

Conversions Part 1

Format	Color
Hex	487C96
RGB	72, 124, 150
RGB Percent	28%, 49%, 59%
CMY	0.7176, 0.5137, 0.4118
CMYK	0.52, 0.17, 0.00, 0.41
HSL	200°, 35%, 44%
HSV	200°, 52%, 59%
XYZ	15.3852, 17.9950, 31.5167
YIQ	111.4160, -39.3380, -2.9380

Conversions

Conversions Part 2

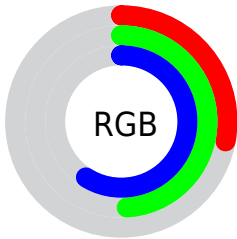
Format	Color
R_{YB}	72, 103, 150
Decimal	4750486
CIE _{Lab}	49.49, -9.79, -19.39
CIE _{LCh}	49, 21.717, 243.204
Yxy	17.9950, 0.2371, 0.2773
Android (android.graphics.Color)	4282940566 (0xFF487C96)
YUV	111.4160, 19.0219, -34.5678
Hunter-Lab	42.4205, -9.4973, -14.3556

Details

The Decimal color **4750486** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9855560**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8303052**, and **674659** is the 20% darker color. If you saturate the color by 10%, you get **3766166**, and if you desaturate by 10%, it is **5734806**.

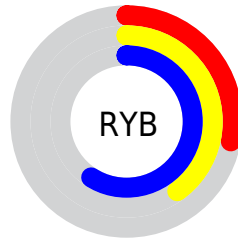
Distribution



Red (28%)

Green (49%)

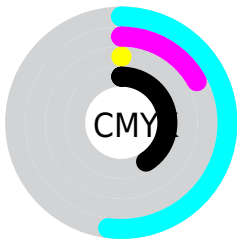
Blue (59%)



Red (28%)

Yellow (40%)

Blue (59%)

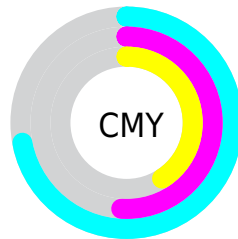


Cyan (52%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (72%)

Magenta (51%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4750486 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 4750486 by changing the saturation by 10% instead.

■ 4750486

■ 4750486

16777215

■ 2974588

■ 8303052

■ 674659

■ 10079464

■ 13643

■ 11921663

■ 7988

■ 13762559

■ 544

■ 15663103

■ 3

■ 0

■ 4750486

■ 4750486

■ 3766166

■ 5734806

■ 2781846

■ 6719126

■ 1797526

■ 7703446

■ 813206

■ 8687766

■ 25750

■ 9672086

■ 10656406

■ 11640726

■ 12625046

■ 13609366

Harmonies

Analogous

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



3964809



4750486



6387610

Triad

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



4750486



10119284



7174998

Complementary

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



4750486



9855560

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.



8484177



4750486



10119778

Square

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



4750486



9399175



9531221



5799524

Rectangle

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



4750486



7565975



9531221



7633235

Sweetspot

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



4750486



10729410



4757090



5135201



14737632



6381921

Same Dimension

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



4750486



4889282



4740502



4409162



23690



1802

Inverse Universe

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



9848956



12733082



9865544



4866887



9044060



655367

Previews

White Background



This preview shows how the Decimal color 4750486 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 × Fail

Black Background



This preview shows how the Decimal color 4750486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

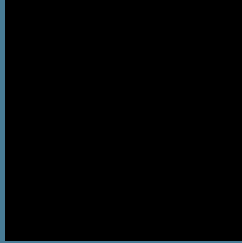
Any Text WCAG AA ✓ Pass

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 4750486 Background



This preview shows how black text looks on a background with the Decimal color 4750486.

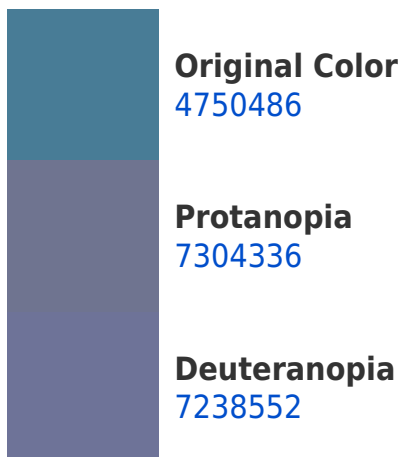


This preview shows how white text looks on a background with the Decimal color 4750486.

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





Tritanopia
4423305

Trichromacy



Original Color
4750486

Protanomaly
6387602

Deuteranomaly
6321815

Tritanomaly
4554126

Monochromacy



Original Color
4750486

Achromatopsia
7303023

Achromatomaly
6386813

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4750486 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 #487C96 looks like.

```
.text, #text, p{  
    color:#487C96  
}
```

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 #487C96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487C96
}
```

Border

The CSS property to change the border of an element to Decimal 4750486 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
#487C96 }
```

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

```
.border{ border-color:#487C96 }
```

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

Here you see how a box with a 4 pixel #487C96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487C96; -webkit-box-shadow:4px 4px  
4px 4px #487C96; box-shadow:4px 4px 4px  
4px #487C96 }
```

Background

The CSS property to change the background color of an element to Decimal 4750486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487C96 }
```

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

```
.background{ background-color:#487C96 }
```

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