

Converting Colors

Decimal(4746126)

Have a look what the booklet for
Decimal(4746126) contains.

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Color

Decimal(4746126)

Conversions

Conversions Part 1

Format	Color
Hex	486B8E
RGB	72, 107, 142
RGB Percent	28%, 42%, 56%
CMY	0.7176, 0.5804, 0.4431
CMYK	0.49, 0.25, 0.00, 0.44
HSL	210°, 33%, 42%
HSV	210°, 49%, 56%
XYZ	12.8127, 13.8461, 27.5885
YIQ	100.5250, -32.0950, 3.4650

Conversions

Conversions Part 2

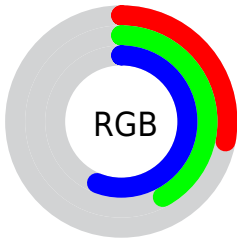
Format	Color
R _Y B	72, 95, 142
Decimal	4746126
CIE Lab	44.01, -2.30, -23.09
CIE LCh	44, 23.203, 264.316
Yxy	13.8461, 0.2362, 0.2552
Android (android.graphics.Color)	4282936206 (0xFF486B8E)
YUV	100.5250, 20.4472, -25.0164
Hunter-Lab	37.2104, -3.6551, -17.9115

Details

The Decimal color **4746126** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9333576**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8167108**, and **1064028** is the 20% darker color. If you saturate the color by 10%, you get **3826830**, and if you desaturate by 10%, it is **5665422**.

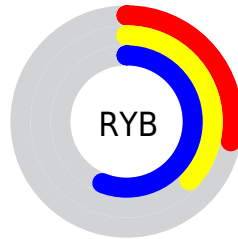
Distribution



Red (28%)

Green (42%)

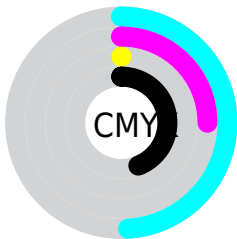
Blue (56%)



Red (28%)

Yellow (37%)

Blue (56%)

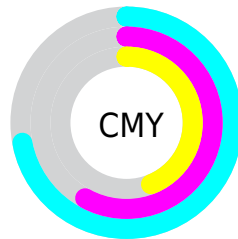


Cyan (49%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4746126 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 4746126 by changing the saturation by 10% instead.

■ 4746126

■ 4746126

16777215

■ 3036020

■ 8167108

■ 1064028

■ 9943520

■ 9796

■ 11785725

■ 4654

■ 13627903

■ 281

■ 15532031

■ 0

■ 4746126

■ 4746126

■ 3826830

■ 5665422

■ 2907534

■ 6584718

■ 1922702

■ 7569550

■ 1003406

■ 8488846

■ 84110

■ 9408142

■ 18318

■ 10327694

■ 11246990

■ 12231822

■ 13151118

Harmonies

Analogous

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



2977927



4746126



6644875

Triad

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



4746126



9329241



5206097

Complementary

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



4746126



9333576

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.



6646852



4746126



8871753

Square

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



4746126



9132652



7956034



3699300

Rectangle

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



4746126



7757956



7956034



5664588

Sweetspot

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



4746126



10267320



4755051



4936796



14408667



6052956

Same Dimension

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



4746126



4948408



4737166



4211783



17543



1032

Inverse Universe

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



9324651



12077953



9342536



4669508



8847428



524292

Previews

White Background



This preview shows how the Decimal color 4746126 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 4746126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

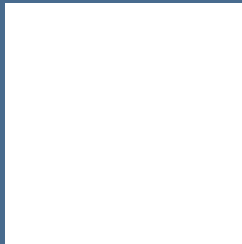
Any Text WCAG AAA × Fail

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

Decimal 4746126 Background



This preview shows how black text looks on a background with the Decimal color 4746126.

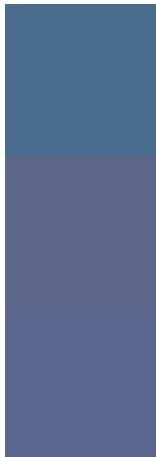


This preview shows how white text looks on a background with the Decimal color 4746126.

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

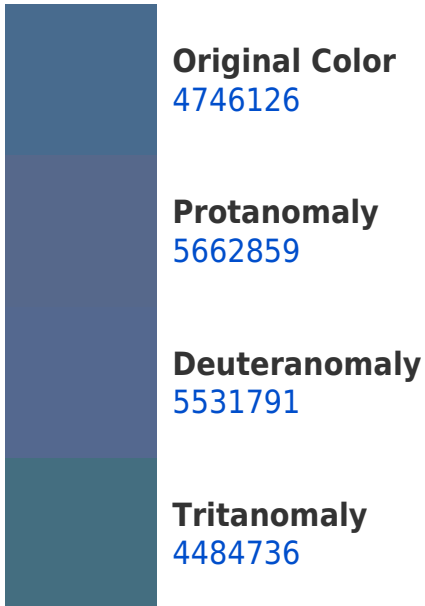


Original Color
4746126

Protanopia
6186634

Deuteranopia
5990031

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4746126 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 #486B8E looks like.

```
.text, #text, p{  
    color:#486B8E  
}
```

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 #486B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486B8E
}
```

Border

The CSS property to change the border of an element to Decimal 4746126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

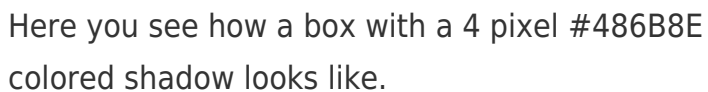
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#486B8E }
```

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

```
.border{ border-color:#486B8E }
```

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



Here you see how a box with a 4 pixel #486B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486B8E; -webkit-box-shadow:4px 4px  
4px 4px #486B8E; box-shadow:4px 4px 4px  
4px #486B8E }
```

Background

The CSS property to change the background color of an element to Decimal 4746126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486B8E }
```

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

```
.background{ background-color:#486B8E }
```

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](#).

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