

Converting Colors

Decimal(4486584)

Have a look what the booklet for
Decimal(4486584) contains.

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Color

Decimal(4486584)

Conversions

Conversions Part 1

Format	Color
Hex	4475B8
RGB	68, 117, 184
RGB Percent	27%, 46%, 72%
CMY	0.7333, 0.5412, 0.2784
CMYK	0.63, 0.36, 0.00, 0.28
HSL	215°, 46%, 49%
HSV	215°, 63%, 72%
XYZ	17.3969, 17.4122, 47.7914
YIQ	109.9870, -50.7110, 10.4490

Conversions

Conversions Part 2

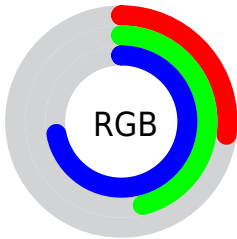
Format	Color
R_{YB}	68, 102, 184
Decimal	4486584
CIE _{Lab}	48.78, 4.68, -40.31
CIE _{LCh}	49, 40.584, 276.629
Yxy	17.4122, 0.2106, 0.2108
Android (android.graphics.Color)	4282676664 (0xFF4475B8)
YUV	109.9870, 36.4884, -36.8226
Hunter-Lab	41.7279, 1.3950, -38.6958

Details

The Decimal color **4486584** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **12093252**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **8301040**, and **17794** is the 20% darker color. If you saturate the color by 10%, you get **3304120**, and if you desaturate by 10%, it is **5669048**.

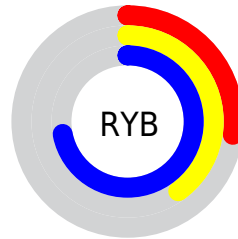
Distribution



Red (27%)

Green (46%)

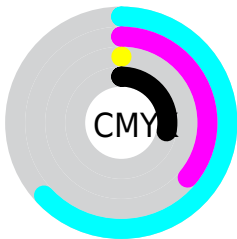
Blue (72%)



Red (27%)

Yellow (40%)

Blue (72%)

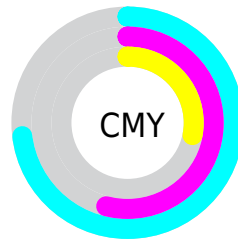


Cyan (63%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (73%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4486584 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 4486584 by changing the saturation by 10% instead.

■ 4486584

■ 4486584

16777215

■ 2252189

■ 8301040

■ 17794

■ 10208511

■ 12393

■ 12050687

■ 7248

■ 14023935

■ 1337

■ 15925247

■ 547

■ 9

■ 0

■ 4486584

■ 4486584

■ 3304120

■ 5669048

■ 2056376

■ 6916792

■ 873912

■ 8099256

■ 20152

■ 9347256

■ 10529464

■ 11711928

■ 12959672

■ 14142136

■ 15390136

Harmonies

Analogous

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



32690



4486584



8415403

Triad

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



4486584



11557965



2720599

Complementary

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



4486584



12093252

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.



6061626



4486584



10315828

Square

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



4486584



11753070



8418348



34171

Rectangle

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



4486584



10117018



8418348



4096589

Sweetspot

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



4486584



12768752



4503686



6056056



16250871



7895160

Same Dimension

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



4486584



3835632



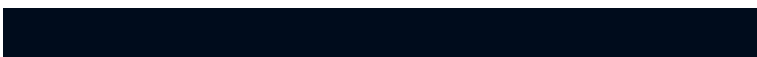
4998328



5461596



17052



3100

Inverse Universe

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



12076149



15743622



11581508



6050646



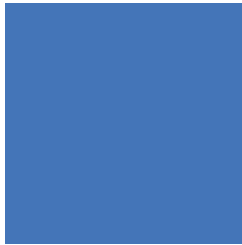
10223682



1835020

Previews

White Background



This preview shows how the Decimal color 4486584 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 4486584 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 4486584 Background



This preview shows how black text looks on a background with the Decimal color 4486584.




This preview shows how white text looks on a background with the Decimal color 4486584.

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](#).

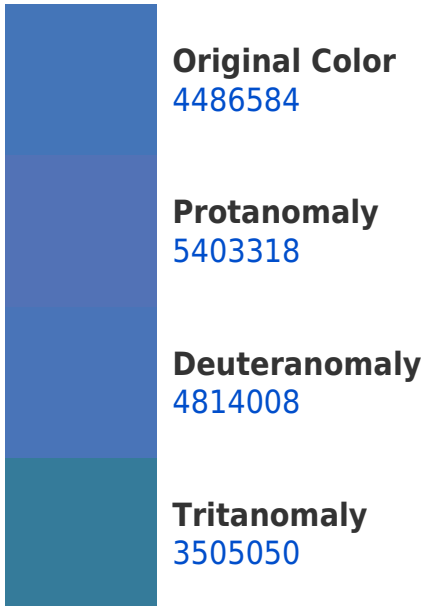
Dichromacy





Tritanopia
2916233

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4486584 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 #4475B8 looks like.

```
.text, #text, p{  
    color:#4475B8  
}
```

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 #4475B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4475B8
}
```

Border

The CSS property to change the border of an element to Decimal 4486584 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
#4475B8 }
```

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

```
.border{ border-color:#4475B8 }
```

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

Here you see how a box with a 4 pixel #4475B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4475B8; -webkit-box-shadow:4px 4px  
4px 4px #4475B8; box-shadow:4px 4px 4px  
4px #4475B8 }
```

Background

The CSS property to change the background color of an element to Decimal 4486584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4475B8 }
```

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

```
.background{ background-color:#4475B8 }
```

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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