

Converting Colors

Decimal(5066624)

Have a look what the booklet for
Decimal(5066624) contains.

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Color

Decimal(5066624)

Conversions

Conversions Part 1

Format	Color
Hex	4D4F80
RGB	77, 79, 128
RGB Percent	30%, 31%, 50%
CMY	0.6980, 0.6902, 0.4980
CMYK	0.40, 0.38, 0.00, 0.50
HSL	238°, 25%, 40%
HSV	238°, 40%, 50%
XYZ	9.7528, 8.7283, 21.5928
YIQ	83.9880, -16.9210, 14.8150

Conversions

Conversions Part 2

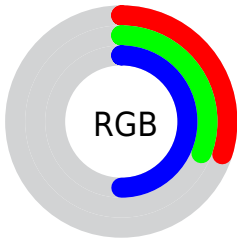
Format	Color
R_{YB}	77, 79, 128
Decimal	5066624
CIE _{Lab}	35.46, 12.29, -27.91
CIE _{LCh}	35, 30.500, 293.763
Yxy	8.7283, 0.2434, 0.2178
Android (android.graphics.Color)	4283256704 (0xFF4D4F80)
YUV	83.9880, 21.6979, -6.1285
Hunter-Lab	29.5436, 7.2244, -22.6532

Details

The Decimal color **5066624** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8420941**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8421557**, and **1844046** is the 20% darker color. If you saturate the color by 10%, you get **4211584**, and if you desaturate by 10%, it is **5921664**.

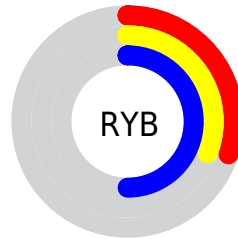
Distribution



Red (30%)

Green (31%)

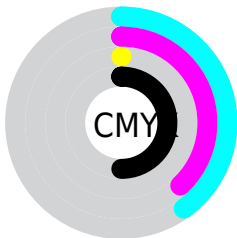
Blue (50%)



Red (30%)

Yellow (31%)

Blue (50%)

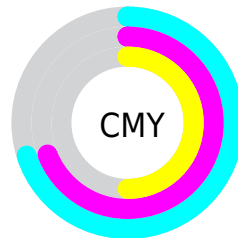


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (50%)



Cyan (70%)

Magenta (69%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5066624 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 5066624 by changing the saturation by 10% instead.

■ 5066624

■ 5066624

16777215

■ 3422311

■ 8421557

■ 1844046

■ 10197713

■ 134711

■ 11974125

■ 545

■ 13816063

■ 7

■ 15724031

■ 0

■ 5066624

■ 5066624

■ 4211584

■ 5921664

■ 3356288

■ 6776960

■ 2566784

■ 7566464

■ 1711744

■ 8421504

■ 856704

■ 9276544

■ 1408

■ 10131840

■ 10986880

■ 11776384

■ 12631680

Harmonies

Analogous

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



1529732



5066624



7161456

Triad

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



506624



788251



24397

Complementary

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



506624



842091

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.



3235126



5066624



6705186

Square

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



5066624



8470593



5134373



24678

Rectangle

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



5066624



8012130



5134373



1269573

Sweetspot

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



5066624



9606054



5079165



4737364



13948116



5526612

Same Dimension

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



5066624



5659046



6573440



3750464



1408



0

Inverse Universe

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



8408399



10901081



6914125



4208954



8388613



0

Previews

White Background



This preview shows how the Decimal color 5066624 looks on a white background.

Color Contrast Check

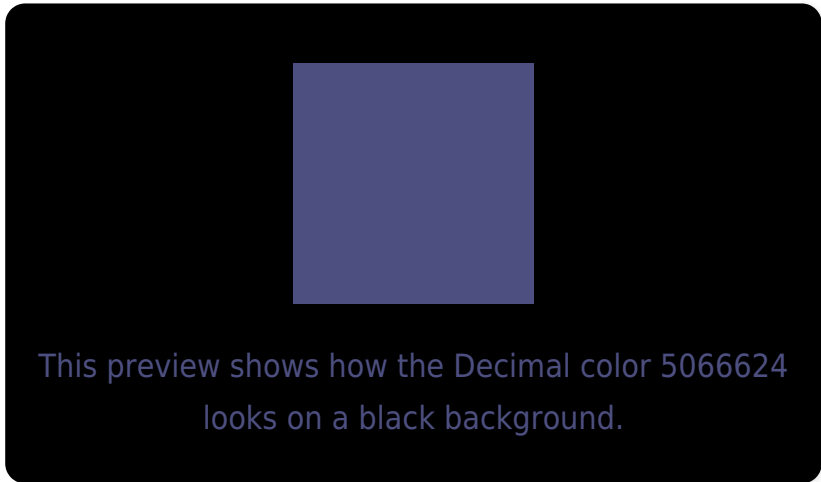
Large Text (above 18pt) WCAG AA ✓ Pass

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 5066624 Background



This preview shows how black text looks on a background with the Decimal color 5066624.



This preview shows how white text looks on a background with the Decimal color 5066624.

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
5066624

Protanopia
4280962

Deuteranopia
4084607



Tritanopia
4478557

Trichromacy



Original Color

5066624

Protanomaly

4542849

Deuteranomaly

4412031

Tritanomaly

4674410

Monochromacy



Original Color

5066624

Achromatopsia

5526612

Achromatomaly

5329508

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5066624 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 #4D4F80 looks like.

```
.text, #text, p{  
  color:#4D4F80  
}
```

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 #4D4F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4F80
}
```

Border

The CSS property to change the border of an element to Decimal 5066624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

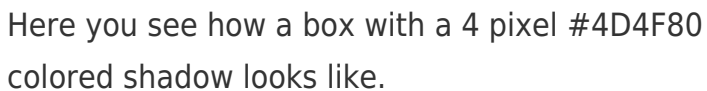
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4F80 }
```

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

```
.border{ border-color:#4D4F80 }
```

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



Here you see how a box with a 4 pixel #4D4F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4F80; -webkit-box-shadow:4px 4px  
4px 4px #4D4F80; box-shadow:4px 4px 4px  
4px #4D4F80 }
```

Background

The CSS property to change the background color of an element to Decimal 5066624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4F80 }
```

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

```
.background{ background-color:#4D4F80 }
```

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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