

Converting Colors

Decimal(4724610)

Have a look what the booklet for
Decimal(4724610) contains.

Decimal(4724610)	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(4724610)

Conversions

Conversions Part 1

Format	Color
Hex	481782
RGB	72, 23, 130
RGB Percent	28%, 9%, 51%
CMY	0.7176, 0.9098, 0.4902
CMYK	0.45, 0.82, 0.00, 0.49
HSL	267°, 70%, 30%
HSV	267°, 82%, 51%
XYZ	7.0081, 3.6022, 21.4450
YIQ	49.8490, -5.1430, 43.6650

Conversions

Conversions Part 2

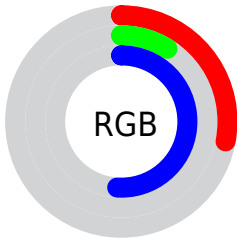
Format	Color
R_{YB}	72, 23, 130
Decimal	4724610
CIE _{Lab}	22.31, 44.53, -50.31
CIE _{LCh}	22, 67.191, 311.514
Yxy	3.6022, 0.2186, 0.1124
Android (android.graphics.Color)	4282914690 (0xFF481782)
YUV	49.8490, 39.5144, 19.4264
Hunter-Lab	18.9795, 32.6967, -53.7064




Details

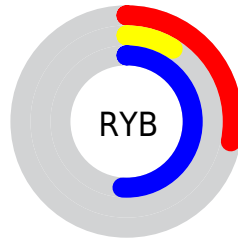
The Decimal color **4724610** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5341719**, and the grayscale version is **3223857**.




A 20% lighter version of the original color is **8276408**, and **1048656** is the 20% darker color. If you saturate the color by 10%, you get **4262530**, and if you desaturate by 10%, it is **5186690**.

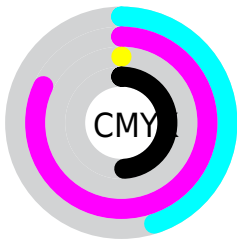
Distribution







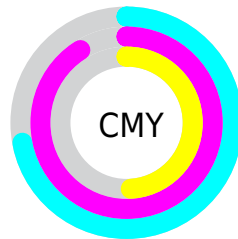
-  Red (28%)
-  Green (9%)
-  Blue (51%)






-  Red (28%)
-  Yellow (9%)
-  Blue (51%)



-  Cyan (45%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (72%)
-  Magenta (91%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4724610 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 4724610 by changing the saturation by 10% instead.

4724610

4724610

16777215

2883688

8276408

1048656

10117844

56

11959537

545

13867007

6

15774463

0

16764671

16772095

4724610

4724610

■ 4262530

■ 5186690

■ 3932290

■ 5648770

■ 6110850

■ 6572930

■ 7035010

■ 7497090

■ 7959170

■ 8421250

■ 8883330

Harmonies

Analogous

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



14234



4724610



7995478

Triad

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



4724610



5973504



18248

Complementary

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



4724610



5341719

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.



17938



4724610



3226112

Square

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



4724610



7929856



16896



18552

Rectangle

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



4724610



8716341



16896



18231

Sweetspot

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



4724610



9535144



1528450



4602708



13948116



5526612

Same Dimension

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



4724610



5112488



8198018



3946816



3801216



0

Inverse Universe

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



8525649



11010652



1868311



4208957



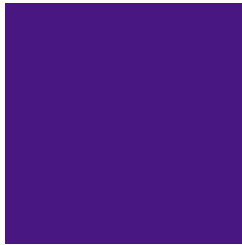
8388677



0

Previews

White Background



This preview shows how the Decimal color 4724610 looks on a white background.

Color Contrast Check

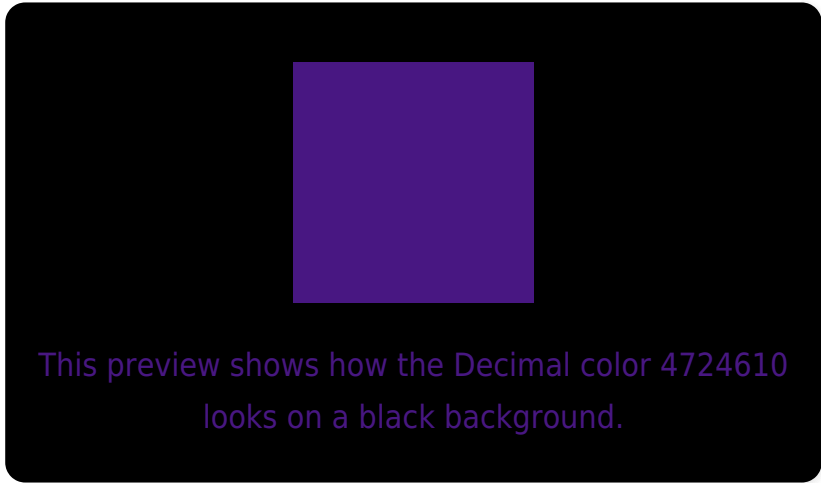
Large Text (above 18pt) WCAG AA ✓ Pass

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

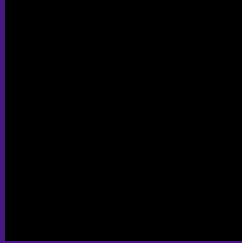
Any Text WCAG AA × Fail

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 4724610 Background



This preview shows how black text looks on a background with the Decimal color 4724610.




This preview shows how white text looks on a background with the Decimal color 4724610.

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
3618362

Trichromacy



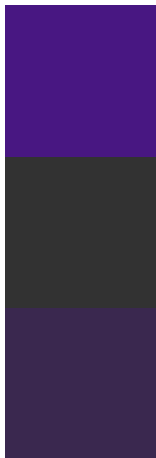
Original Color
4724610

Protanomaly
1714806

Deuteranomaly
1715308

Tritanomaly
4008788

Monochromacy



Original Color
4724610

Achromatopsia
3289650

Achromatomaly
3811407

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4724610 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 #481782 looks like.

```
.text, #text, p{  
    color:#481782  
}
```

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 #481782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481782
}
```

Border

The CSS property to change the border of an element to Decimal 4724610 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
#481782 }
```

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

```
.border{ border-color:#481782 }
```

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

Here you see how a box with a 4 pixel #481782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481782; -webkit-box-shadow:4px 4px  
4px 4px #481782; box-shadow:4px 4px 4px  
4px #481782 }
```

Background

The CSS property to change the background color of an element to Decimal 4724610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481782 }
```

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

```
.background{ background-color:#481782 }
```

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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