

Converting Colors

Decimal(4721748)

Have a look what the booklet for
Decimal(4721748) contains.

Decimal(4721748)	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(4721748)

Conversions

Conversions Part 1

Format	Color
Hex	480C54
RGB	72, 12, 84
RGB Percent	28%, 5%, 33%
CMY	0.7176, 0.9529, 0.6706
CMYK	0.14, 0.86, 0.00, 0.67
HSL	290°, 75%, 19%
HSV	290°, 86%, 33%
XYZ	4.4042, 2.2808, 8.5956
YIQ	38.1480, 12.6480, 35.1120

Conversions

Conversions Part 2

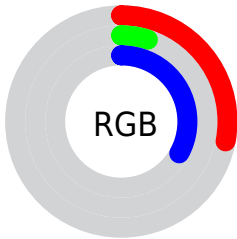
Format	Color
R_{YB}	72, 12, 84
Decimal	4721748
CIE _{Lab}	16.90, 37.79, -29.08
CIE _{LCh}	17, 47.685, 322.425
Yxy	2.2808, 0.2882, 0.1493
Android (android.graphics.Color)	4282911828 (0xFF480C54)
YUV	38.1480, 22.6050, 29.6882
Hunter-Lab	15.1022, 25.6265, -23.1742

Details

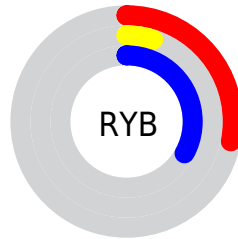
The Decimal color **4721748** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1594380**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **8077190**, and **1703974** is the 20% darker color. If you saturate the color by 10%, you get **4654164**, and if you desaturate by 10%, it is **4789332**.

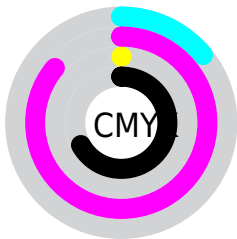
Distribution



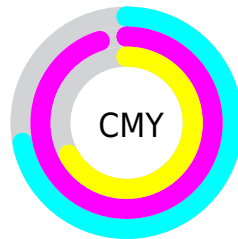
- Red (28%)
- Green (5%)
- Blue (33%)



- Red (28%)
- Yellow (5%)
- Blue (33%)



- Cyan (14%)
- Magenta (86%)
- Yellow (0%)
- Black (67%)



- Cyan (72%)
- Magenta (95%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4721748 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 4721748 by changing the saturation by 10% instead.

■ 4721748

■ 4721748

■ 16776191

■ 3145788

■ 8077190

■ 1703974

■ 9853089

■ 271

■ 11628988

■ 0

■ 13470680

■ 15378164

■ 16761599

■ 16768767

■ 4721748

■ 4721748

■ 4654164

■ 4789332

■ 4587604

■ 4922708

■ 4990292

■ 5123668

■ 5191252

■ 5258836

■ 5392212

■ 5459796

■ 5593172

Harmonies

Analogous

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



9578



4721748



6225972

Triad

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



4721748



3941632



14147

Complementary

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



4721748



1594380

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.



13856



4721748



1847040

Square

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



4721748



5509632



13312



13920

Rectangle

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



4721748



6422557



13312



14136

Sweetspot

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



4721748



6902126



792660



3483448



12105912



3684408

Same Dimension

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



4721748



5963886



5508156



2630953



5701737



12648680

Inverse Universe

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



5508120



7208978



807972



2696485



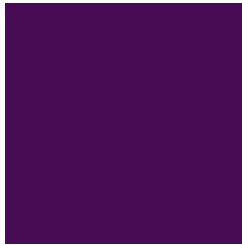
6881297



15204391

Previews

White Background



This preview shows how the Decimal color 4721748 looks on a white background.

Color Contrast Check

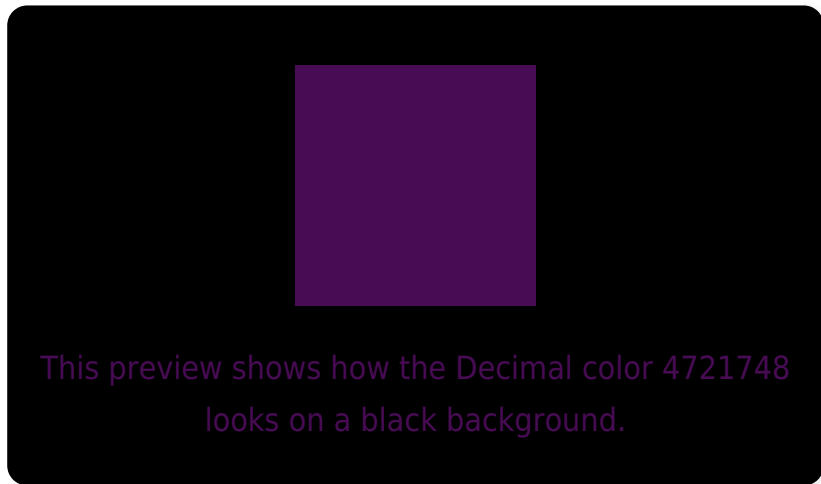
Large Text (above 18pt) WCAG AA ✓ Pass

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

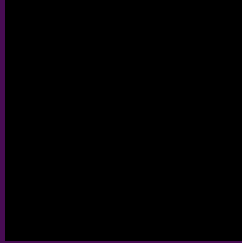
Any Text WCAG AA × Fail

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 4721748 Background



This preview shows how black text looks on a background with the Decimal color 4721748.

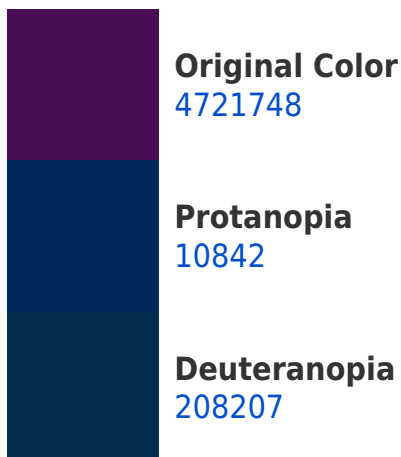



This preview shows how white text looks on a background with the Decimal color 4721748.

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
4334117

Trichromacy



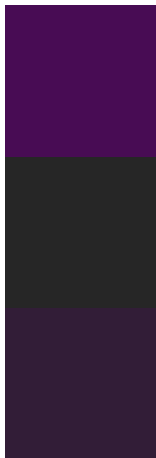
Original Color
4721748

Protanomaly
1711960

Deuteranomaly
1843537

Tritanomaly
4463158

Monochromacy



Original Color
4721748

Achromatopsia
2500134

Achromatomaly
3284279

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4721748 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 #480C54 looks like.

```
.text, #text, p{  
    color:#480C54  
}
```

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 #480C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480C54
}
```

Border

The CSS property to change the border of an element to Decimal 4721748 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".

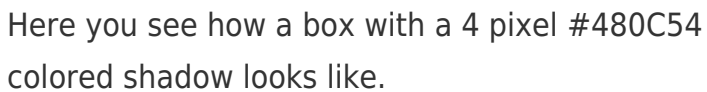
```
.border, #border, table{ border:4px solid
#480C54 }
```

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

```
.border{ border-color:#480C54 }
```

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

Here you see how a box with a 4 pixel #480C54 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480C54; -webkit-box-shadow:4px 4px  
4px 4px #480C54; box-shadow:4px 4px 4px  
4px #480C54 }
```

Background

The CSS property to change the background color of an element to Decimal 4721748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480C54 }
```

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

```
.background{ background-color:#480C54 }
```

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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