

Converting Colors

Decimal(4722210)

Have a look what the booklet for
Decimal(4722210) contains.

Decimal(4722210)	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(4722210)

Conversions

Conversions Part 1

Format	Color
Hex	480E22
RGB	72, 14, 34
RGB Percent	28%, 5%, 13%
CMY	0.7176, 0.9451, 0.8667
CMYK	0.00, 0.81, 0.53, 0.72
HSL	339°, 67%, 17%
HSV	339°, 81%, 28%
XYZ	3.1183, 1.8073, 1.6979
YIQ	33.6220, 28.1480, 18.5160

Conversions

Conversions Part 2

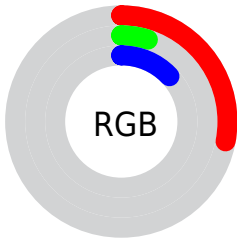
Format	Color
R_YB	72, 14, 34
Decimal	4722210
CIE Lab	14.44, 28.85, 2.52
CIE LCh	14, 28.960, 4.990
Yxy	1.8073, 0.4708, 0.2729
Android (android.graphics.Color)	4282912290 (0xFF480E22)
YUV	33.6220, 0.1864, 33.6575
Hunter-Lab	13.4435, 17.8773, 1.9224

Details

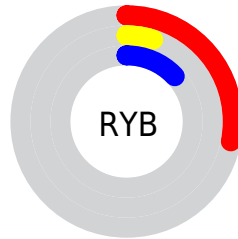
The Decimal color **4722210** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **935988**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **8142414**, and **851968** is the 20% darker color. If you saturate the color by 10%, you get **4720413**, and if you desaturate by 10%, it is **4724007**.

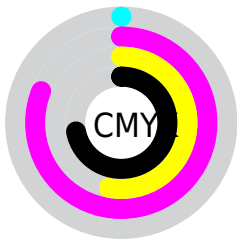
Distribution



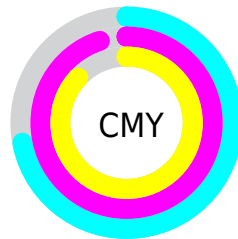
- Red (28%)
- Green (5%)
- Blue (13%)



- Red (28%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (53%)
- Black (72%)



- Cyan (72%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4722210 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 4722210 by changing the saturation by 10% instead.

 4722210

 4722210

 16775423

 3145739

 8142414

 851968

 9918054

 0

 11693951

 13601177

 15508404

 16760783

 16767979

 4722210

 4722210

■ 4720413

■ 4724007

■ 4718617

■ 4725803

■ 4727856

■ 4729653

■ 4731450

■ 4733246

■ 4735043

■ 4737096

■ 4738892

Harmonies

Analogous

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



4133686



4722210



4592397

Triad

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



4722210



1583616



11081

Complementary

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



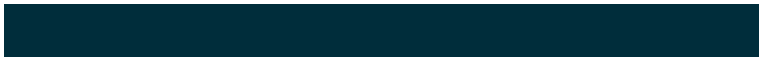
4722210



935988

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.



11579



4722210



11538

Square

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



4722210



2893056



11815



9805

Rectangle

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



4722210



4200960



11815



11334

Sweetspot

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



4722210



6178896



3411528



3154471



11579568



3158064

Same Dimension

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



4722210



6161186



4724494



2367521



6488098



14876750

Inverse Universe

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



4722210



6161186



933704



2367521



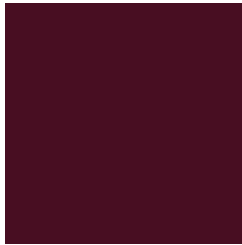
6488098



14876750

Previews

White Background



This preview shows how the Decimal color 4722210 looks on a white background.

Color Contrast Check

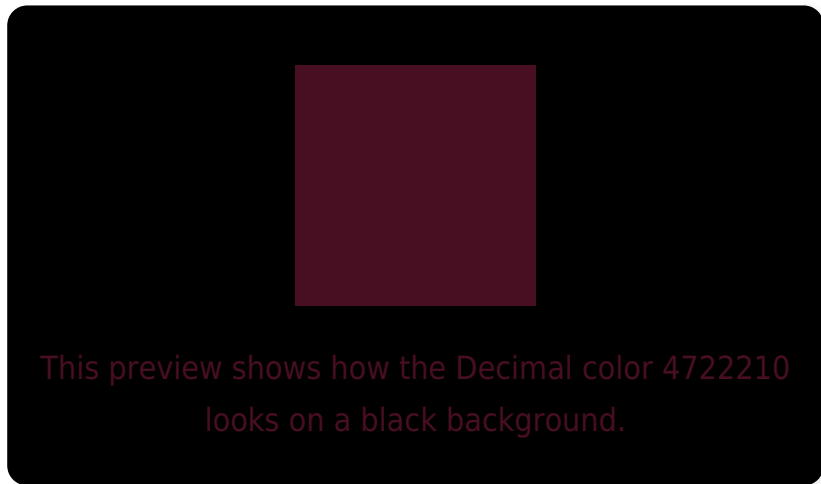
Large Text (above 18pt) WCAG AA ✓ Pass

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

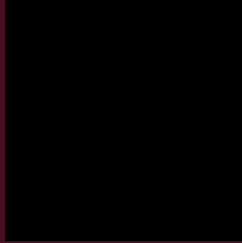
Any Text WCAG AA × Fail

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 4722210 Background



This preview shows how black text looks on a background with the Decimal color 4722210.



This preview shows how white text looks on a background with the Decimal color 4722210.

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
4722210

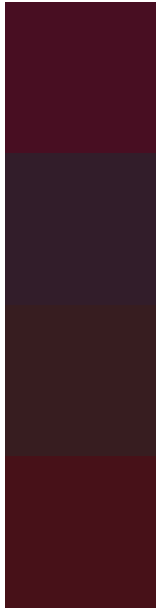
Protanopia
2434607

Deuteranopia
2958623



Tritanopia
4657683

Trichromacy



Original Color
4722210

Protanomaly
3284266

Deuteranomaly
3611936

Tritanomaly
4657432

Monochromacy



Original Color
4722210

Achromatopsia
2236962

Achromatomaly
3152674

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4722210 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 #480E22 looks like.

```
.text, #text, p{  
    color:#480E22  
}
```

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 #480E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480E22
}
```

Border

The CSS property to change the border of an element to Decimal 4722210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

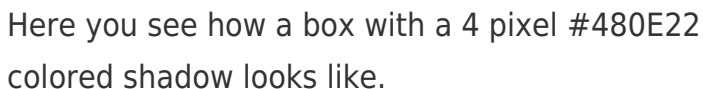
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480E22 }
```

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

```
.border{ border-color:#480E22 }
```

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



Here you see how a box with a 4 pixel #480E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480E22; -webkit-box-shadow:4px 4px  
4px 4px #480E22; box-shadow:4px 4px 4px  
4px #480E22 }
```

Background

The CSS property to change the background color of an element to Decimal 4722210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480E22 }
```

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

```
.background{ background-color:#480E22 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor