

# Converting Colors

Decimal(4477472)

Have a look what the booklet for  
Decimal(4477472) contains.

<b>Decimal(4477472)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(4477472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	445220
RGB	68, 82, 32
RGB Percent	27%, 32%, 13%
CMY	0.7333, 0.6784, 0.8745
CMYK	0.17, 0.00, 0.61, 0.68
HSL	77°, 44%, 22%
HSV	77°, 61%, 32%
XYZ	5.6619, 7.3678, 2.4902
YIQ	72.1140, 7.7060, -18.5180

# Conversions

## Conversions Part 2

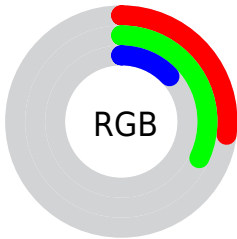
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 82, 46
Decimal	4477472
CIELab	32.63, -14.34, 27.07
CIELCh	33, 30.637, 117.905
Yxy	7.3678, 0.3648, 0.4747
Android (android.graphics.Color)	4282667552 (0xFF445220)
YUV	72.1140, -19.7762, -3.6080
Hunter-Lab	27.1437, -10.2682, 13.5612

# Details

The Decimal color **4477472** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3022930**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **7766862**, and **1582336** is the 20% darker color. If you saturate the color by 10%, you get **4346392**, and if you desaturate by 10%, it is **4608552**.

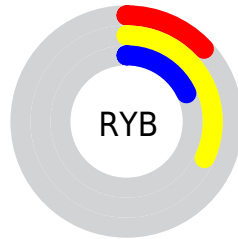
# Distribution



Red (27%)

Green (32%)

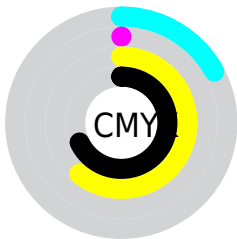
Blue (13%)



Red (13%)

Yellow (32%)

Blue (18%)

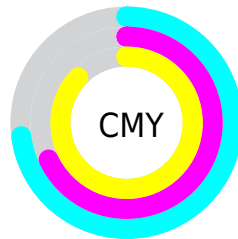


Cyan (17%)

Magenta (0%)

Yellow (61%)

Black (68%)



Cyan (73%)

Magenta (68%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4477472 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 4477472 by changing the saturation by 10% instead.





4477472



4477472

16777215



2964233



7766862



1582336



9477479



4352



11188352



0



13030554



14872757



16777169



16777197



4477472



4477472

■ 4346392

■ 4608552

■ 4149776

■ 4805168

■ 4018695

■ 4936249

■ 3887616

■ 5067329

■ 5198409

■ 5395025

■ 5526105

■ 5657186

■ 5853802

# Harmonies

## Analogous

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



6048538



4477472



2447154

# Triad

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



4477472



22133



7878735

# Complementary

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



4477472



3022930

# 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.



6897255



4477472



1527933

# Square

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



4477472



22883



4933495



7944760

# Rectangle

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



4477472



22594



4933495



7616856



# Sweetspot

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



4477472



6712152



5385504



3290666



11908533



3552822



# Same Dimension

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



4477472



5597981



2904608



2631973



4942080



11003904



# Inverse Universe

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



3022930



3349867



4595794



2499881



1900649



4260072



# Previews

## White Background



This preview shows how the Decimal color 4477472 looks on a white background.

## Color Contrast Check

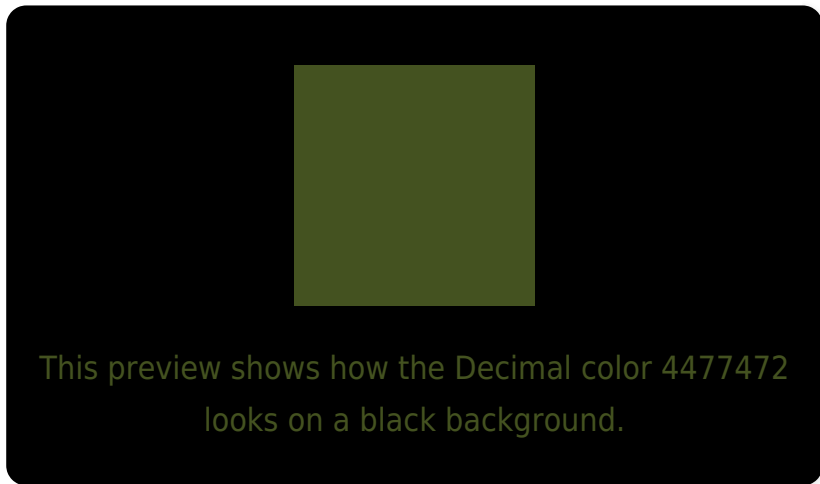
Large Text (above 18pt) WCAG AA ✓ Pass

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

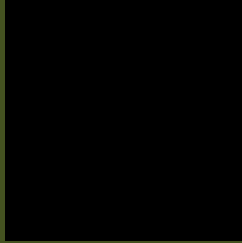
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4477472 Background



This preview shows how black text looks on a background with the Decimal color 4477472.



This preview shows how white text looks on a background with the Decimal color 4477472.

# 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**

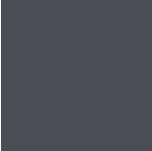
4477472

**Protanopia**

5590302

**Deuteranopia**

6244643



**Tritanopia**  
4869459

# Trichromacy



**Original Color**

4477472

**Protanomaly**

5197599

**Deuteranomaly**

5590050

**Tritanomaly**

4738880

# Monochromacy



**Original Color**

4477472

**Achromatopsia**

4737096

**Achromatomaly**

4672569

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4477472 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 #445220 looks like.

```
.text, #text, p{  
    color:#445220  
}
```

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 #445220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445220
}
```

## Border

The CSS property to change the border of an element to Decimal 4477472 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
#445220 }
```

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

```
.border{ border-color:#445220 }
```

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

Here you see how a box with a 4 pixel #445220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445220; -webkit-box-shadow:4px 4px  
4px 4px #445220; box-shadow:4px 4px 4px  
4px #445220 }
```

# Background

The CSS property to change the background color of an element to Decimal 4477472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445220 }
```

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

```
.background{ background-color:#445220 }
```

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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