

# Converting Colors

Decimal(4522110)

Have a look what the booklet for  
Decimal(4522110) contains.

<b>Decimal(4522110)</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(4522110)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	45007E
RGB	69, 0, 126
RGB Percent	27%, 0%, 49%
CMY	0.7294, 1.0000, 0.5059
CMYK	0.45, 1.00, 0.00, 0.51
HSL	273°, 100%, 25%
HSV	273°, 100%, 49%
XYZ	6.2201, 2.7716, 19.9458
YIQ	34.9950, 0.6780, 53.8140

# Conversions

## Conversions Part 2

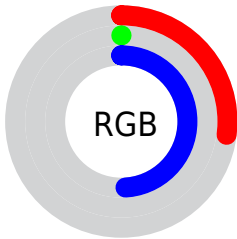
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 0, 126
Decimal	4522110
CIELab	19.10, 50.18, -53.06
CIELCh	19, 73.029, 313.400
Yxy	2.7716, 0.2150, 0.0958
Android (android.graphics.Color)	4282712190 (0xFF45007E)
YUV	34.9950, 44.8655, 29.8224
Hunter-Lab	16.6480, 37.5582, -59.3810

# Details

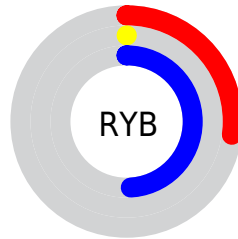
The Decimal color **4522110** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3767808**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **8141748**, and **852044** is the 20% darker color. If you saturate the color by 10%, you get **4522110**, and if you desaturate by 10%, it is **4918654**.

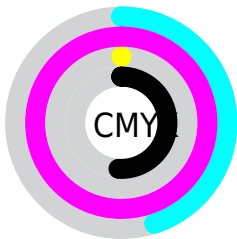
# Distribution



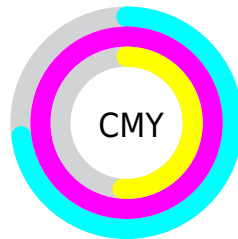
- Red (27%)
- Green (0%)
- Blue (49%)



- Red (27%)
- Yellow (0%)
- Blue (49%)



- Cyan (45%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (73%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4522110 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 4522110 by changing the saturation by 10% instead.



 4522110

 4522110

 16775935

 2621540

 8141748

 852044

 9983440

 564

 11825132

 542

 13732351

 0

 15705599

 16761087

 16768511

 4522110

■ 4918654

■ 5249406

■ 5645950

■ 6042238

■ 6438782

■ 6769790

■ 7166078

■ 7562622

■ 7893374

# Harmonies

## Analogous

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



12442



4522110



7864398

# Triad

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



4522110



5316608



16454

# Complementary

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



4522110



3767808

# 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.



16139



4522110



2307072

# Square

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



4522110



7471104



15104



16761

# Rectangle

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



4522110



8519723



15104



16436



# Sweetspot

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



4522110



9269923



15230



4469842



13750737



5395026



# Same Dimension

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



4522110



5832867



8257658



4012352



4587648



0



# Inverse Universe

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



8257593



10682442



32260



4208956



8388666

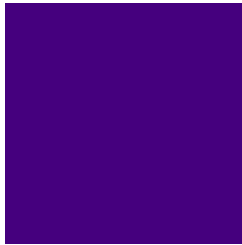


0



# Previews

## White Background



This preview shows how the Decimal color 4522110 looks on a white background.

## Color Contrast Check

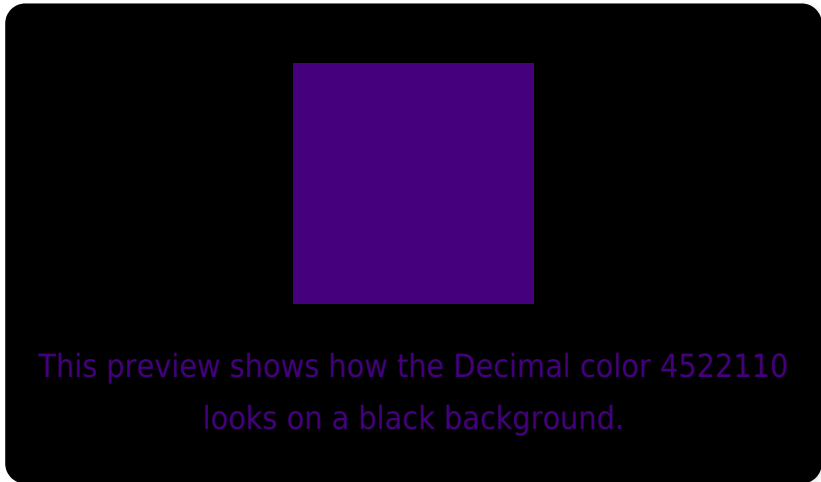
Large Text (above 18pt) WCAG AA ✓ Pass

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

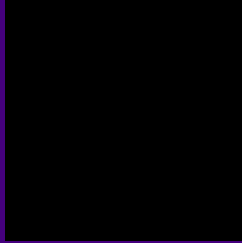
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4522110 Background



This preview shows how black text looks on a background with the Decimal color 4522110.

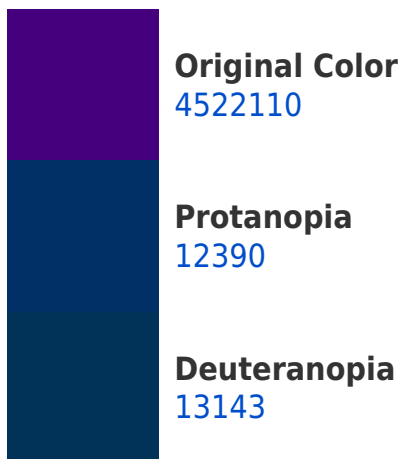



This preview shows how white text looks on a background with the Decimal color 4522110.

# 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**  
3354933

# Trichromacy



**Original Color**  
4522110

**Protanomaly**  
1646447

**Deuteranomaly**  
1646693

**Tritanomaly**  
3809104

# Monochromacy



**Original Color**  
4522110

**Achromatopsia**  
2302755

**Achromatomaly**  
3085892

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4522110 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 #45007E looks like.

```
.text, #text, p{  
    color:#45007E  
}
```

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 #45007E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45007E
}
```

## Border

The CSS property to change the border of an element to Decimal 4522110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

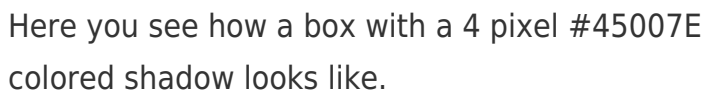
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45007E }
```

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

```
.border{ border-color:#45007E }
```

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



Here you see how a box with a 4 pixel #45007E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45007E; -webkit-box-shadow:4px 4px  
4px 4px #45007E; box-shadow:4px 4px 4px  
4px #45007E }
```

# Background

The CSS property to change the background color of an element to Decimal 4522110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45007E }
```

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

```
.background{ background-color:#45007E }
```

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**