

# Converting Colors

Decimal(7497682)

Have a look what the booklet for  
Decimal(7497682) contains.

<b>Decimal(7497682)</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(7497682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7267D2
RGB	114, 103, 210
RGB Percent	45%, 40%, 82%
CMY	0.5529, 0.5961, 0.1765
CMYK	0.46, 0.51, 0.00, 0.18
HSL	246°, 54%, 61%
HSV	246°, 51%, 82%
XYZ	23.4225, 17.9310, 63.1993
YIQ	118.4870, -27.7910, 35.6090

# Conversions

## Conversions Part 2

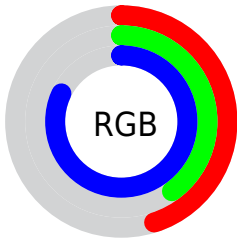
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 103, 210
Decimal	7497682
CIELab	49.41, 31.52, -54.05
CIELCh	49, 62.574, 300.251
Yxy	17.9310, 0.2240, 0.1715
Android (android.graphics.Color)	4285687762 (0xFF7267D2)
YUV	118.4870, 45.1159, -3.9351
Hunter-Lab	42.3451, 24.6307, -58.8478

# Details

The Decimal color **7497682** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13095527**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **11246335**, and **3684507** is the 20% darker color. If you saturate the color by 10%, you get **6247122**, and if you desaturate by 10%, it is **8748242**.

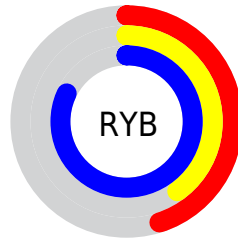
# Distribution



Red (45%)

Green (40%)

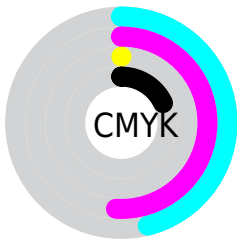
Blue (82%)



Red (45%)

Yellow (40%)

Blue (82%)

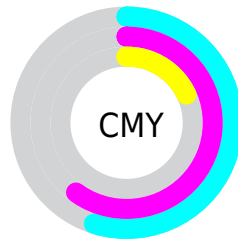


Cyan (46%)

Magenta (51%)

Yellow (0%)

Black (18%)



Cyan (55%)

Magenta (60%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7497682 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 7497682 by changing the saturation by 10% instead.



■ 7497682

■ 7497682

16777215

■ 5656502

■ 11246335

■ 3684507

■ 13153791

■ 1254016

■ 15061503

■ 3686

■ 16772607

■ 78

■ 1334

■ 544

■ 3

■ 0

 7497682

 7497682

 6247122

 8748242

 4996562

 9998802

 3746002

 11249362

 2560978

 12434386

 1442002

 13684946

 14935506

 16186066

 16777170

# Harmonies

## Analogous

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



31968



7497682



11881643

# Triad

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



7497682



11951632



36212

# Complementary

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



7497682



13095527

# 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.



35389



7497682



9270016

# Square

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



7497682



13583683



5800448



36266

# Rectangle

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



7497682



13319817



5800448



35938



# Sweetspot

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



7497682



14539263



6801362



7039360



0



8421504



# Same Dimension

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



7497682



7562239



10971090



6250089



1114280



262185



# Inverse Universe

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



13789127



16737263



9622119



6905447



11010199

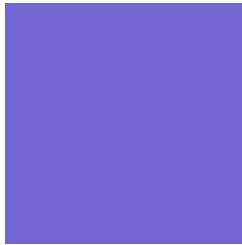


2687013



# Previews

## White Background



This preview shows how the Decimal color 7497682 looks on a white background.

## Color Contrast Check

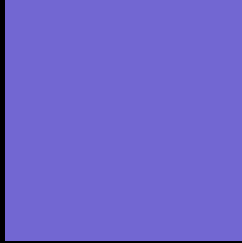
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7497682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

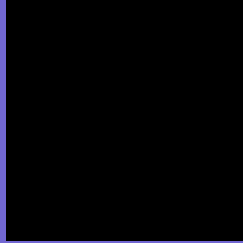
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7497682 Background



This preview shows how black text looks on a background with the Decimal color 7497682.



This preview shows how white text looks on a background with the Decimal color 7497682.

# 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**  
6126212

# Trichromacy



**Original Color**  
7497682

**Protanomaly**  
5205721

**Deuteranomaly**  
4420047

**Tritanomaly**  
6648736

# Monochromacy



**Original Color**  
7497682

**Achromatopsia**  
7763574

**Achromatomaly**  
7696791

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7497682 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 #7267D2 looks like.

```
.text, #text, p{  
    color:#7267D2  
}
```

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 #7267D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7267D2
}
```

## Border

The CSS property to change the border of an element to Decimal 7497682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

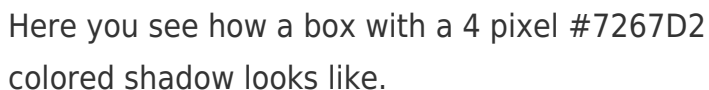
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7267D2 }
```

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

```
.border{ border-color:#7267D2 }
```

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



Here you see how a box with a 4 pixel `#7267D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7267D2; -webkit-box-shadow:4px 4px  
4px 4px #7267D2; box-shadow:4px 4px 4px  
4px #7267D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7497682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7267D2 }
```

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

```
.background{ background-color:#7267D2 }
```

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