

# Converting Colors

Decimal(7562170)

Have a look what the booklet for  
Decimal(7562170) contains.

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# Color

**Decimal(7562170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7363BA
RGB	115, 99, 186
RGB Percent	45%, 39%, 73%
CMY	0.5490, 0.6118, 0.2706
CMYK	0.38, 0.47, 0.00, 0.27
HSL	251°, 39%, 56%
HSV	251°, 47%, 73%
XYZ	20.3950, 16.1137, 48.4897
YIQ	113.7020, -18.3910, 30.4490

# Conversions

## Conversions Part 2

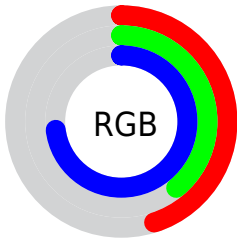
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 99, 186
Decimal	7562170
CIE <sub>Lab</sub>	47.12, 27.26, -43.90
CIE <sub>LCh</sub>	47, 51.671, 301.837
Yxy	16.1137, 0.2399, 0.1896
Android (android.graphics.Color)	4285752250 (0xFF7363BA)
YUV	113.7020, 35.6429, 1.1383
Hunter-Lab	40.1419, 20.4428, -43.5205

# Details

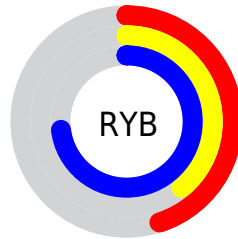
The Decimal color **7562170** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11188835**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11179763**, and **4011140** is the 20% darker color. If you saturate the color by 10%, you get **6574266**, and if you desaturate by 10%, it is **8550074**.

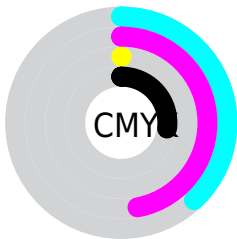
# Distribution



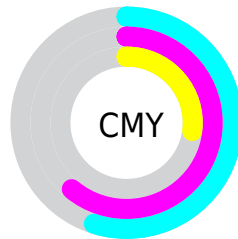
- Red (45%)
- Green (39%)
- Blue (73%)



- Red (45%)
- Yellow (39%)
- Blue (73%)



- Cyan (38%)
- Magenta (47%)
- Yellow (0%)
- Black (27%)



- Cyan (55%)
- Magenta (61%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7562170 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 7562170 by changing the saturation by 10% instead.



■ 7562170

■ 7562170

16777215

■ 5786527

■ 11179763

■ 4011140

■ 13021695

■ 2170475

■ 14929151

■ 2642

■ 16771583

■ 58

■ 547

■ 11

■ 0

■ 7562170

■ 7562170

■ 6574266

■ 8550074

■ 5586618

■ 9537722

■ 4533178

■ 10591162

■ 3545530

■ 11578810

■ 2557626

■ 12566714

■ 2228410

■ 13554618

■ 14542266

■ 15530170

■ 16580538

# Harmonies

## Analogous

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



29895



7562170



10899610

# Triad

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



7562170



10837536



33905

# Complementary

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



7562170



11188835

# 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.



33093



7562170



8613640

# Square

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



7562170



12209220



5732894



33948

# Rectangle

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



7562170



12076926



5732894



33634



# Sweetspot

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



7562170



14143730



6531770



6907514



16448250



8026746



# Same Dimension

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



7562170



8678386



10380218



5526364



1900700



327708



# Inverse Universe

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



12215210



15887321



8370787



6050650



10223743

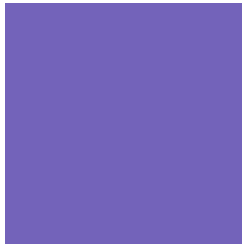


1835031



# Previews

## White Background



This preview shows how the Decimal color 7562170 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 7562170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7562170 Background



This preview shows how black text looks on a background with the Decimal color 7562170.



This preview shows how white text looks on a background with the Decimal color 7562170.

# 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**  
6648443

# Trichromacy



**Original Color**  
7562170

**Protanomaly**  
5794240

**Deuteranomaly**  
5532600

**Tritanomaly**  
6974866

# Monochromacy



**Original Color**  
7562170

**Achromatopsia**  
7500402

**Achromatomaly**  
7499148

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7562170 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 #7363BA looks like.

```
.text, #text, p{  
    color:#7363BA  
}
```

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 #7363BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7363BA
}
```

## Border

The CSS property to change the border of an element to Decimal 7562170 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".

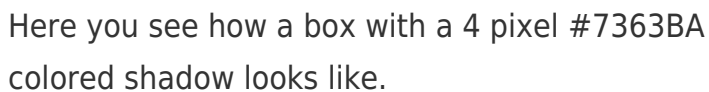
```
.border, #border, table{ border:4px solid
#7363BA }
```

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

```
.border{ border-color:#7363BA }
```

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

Here you see how a box with a 4 pixel #7363BA colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7363BA; -webkit-box-shadow:4px 4px  
4px 4px #7363BA; box-shadow:4px 4px 4px  
4px #7363BA }
```

# Background

The CSS property to change the background color of an element to Decimal 7562170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7363BA }
```

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

```
.background{ background-color:#7363BA }
```

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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