

# Converting Colors

Decimal(7365520)

Have a look what the booklet for  
Decimal(7365520) contains.

<b>Decimal(7365520)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7365520)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706390
RGB	112, 99, 144
RGB Percent	44%, 39%, 56%
CMY	0.5608, 0.6118, 0.4353
CMYK	0.22, 0.31, 0.00, 0.44
HSL	257°, 19%, 48%
HSV	257°, 31%, 56%
XYZ	16.1780, 14.3820, 28.3089
YIQ	108.0170, -6.6970, 16.7510

# Conversions

## Conversions Part 2

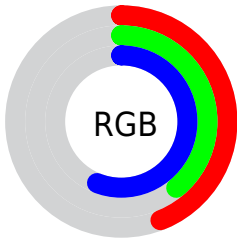
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 99, 144</a>
Decimal	<a href="#">7365520</a>
CIELab	<a href="#">44.78, 15.13, -22.86</a>
CIELCh	<a href="#">45, 27.417, 303.499</a>
Yxy	<a href="#">14.3820, 0.2748, 0.2443</a>
Android (android.graphics.Color)	<a href="#">4285555600 (0xFF706390)</a>
YUV	<a href="#">108.0170, 17.7396, 3.4931</a>
Hunter-Lab	<a href="#">37.9237, 9.7805, -17.7117</a>

# Details

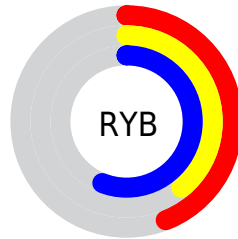
The Decimal color **7365520** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8622179**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10786502**, and **4142173** is the 20% darker color. If you saturate the color by 10%, you get **6706576**, and if you desaturate by 10%, it is **8024464**.

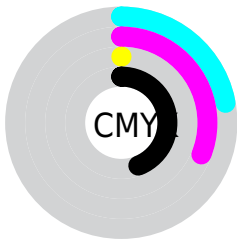
# Distribution



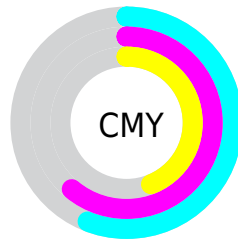
- Red (44%)
- Green (39%)
- Blue (56%)



- Red (44%)
- Yellow (39%)
- Blue (56%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (61%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7365520 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 7365520 by changing the saturation by 10% instead.



7365520

7365520

16777215

5720950

10786502

4142173

12628450

2629446

14470399

1247535

16378111

282

0

7365520

7365520

6706576

8024464

6047376

8683664

■ 5322896

■ 9408144

■ 4663696

■ 10067344

■ 4004752

■ 10726288

■ 3345808

■ 11385232

■ 2752656

■ 12109968

■ 12768912

■ 13428112

# Harmonies

## Analogous

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



5073815



7365520



9001855

# Triad

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



7365520



9003330



2193004

# Complementary

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



7365520



8622179

# 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.



4355157



7365520



7760188

# Square

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



736520



9788242



6189123



30082

# Rectangle

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



7365520



9656432



6189123



2979428



# Sweetspot

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



7365520



11446714



6521744



5723230



14606046



6184542



# Same Dimension

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



7365520



8942522



8807312



4341831



2556039



131080



# Inverse Universe

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



9462659



12219302



7180387



4669509



8847456



524293



# Previews

## White Background



This preview shows how the Decimal color 7365520 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 7365520 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 7365520 Background



This preview shows how black text looks on a background with the Decimal color 7365520.

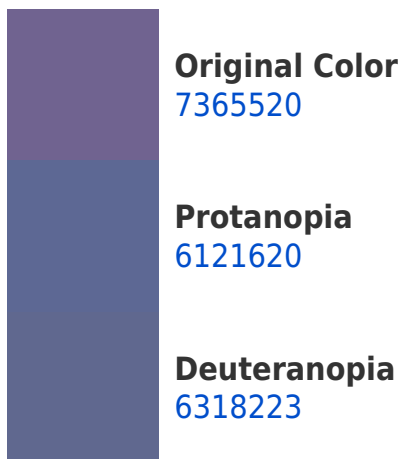


This preview shows how white text looks on a background with the Decimal color 7365520.

# 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**  
6973809

# Trichromacy



**Original Color**  
7365520

**Protanomaly**  
6579859

**Deuteranomaly**  
6710927

**Tritanomaly**  
7104380

# Monochromacy



**Original Color**  
7365520

**Achromatopsia**  
7105644

**Achromatomaly**  
7170425

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7365520 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 #706390 looks like.

```
.text, #text, p{  
  color:#706390  
}
```

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 #706390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706390
}
```

## Border

The CSS property to change the border of an element to Decimal 7365520 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".

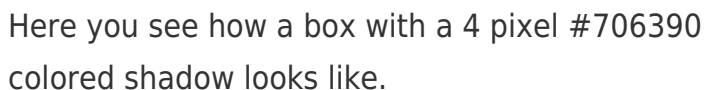
```
.border, #border, table{ border:4px solid
#706390 }
```

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

```
.border{ border-color:#706390 }
```

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

Here you see how a box with a 4 pixel #706390 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706390; -webkit-box-shadow:4px 4px  
4px 4px #706390; box-shadow:4px 4px 4px  
4px #706390 }
```

# Background

The CSS property to change the background color of an element to Decimal 7365520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706390 }
```

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

```
.background{ background-color:#706390 }
```

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