

# Converting Colors

Decimal(7362191)

Have a look what the booklet for  
Decimal(7362191) contains.

<b>Decimal(7362191)</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(7362191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70568F
RGB	112, 86, 143
RGB Percent	44%, 34%, 56%
CMY	0.5608, 0.6627, 0.4392
CMYK	0.22, 0.40, 0.00, 0.44
HSL	267°, 25%, 45%
HSV	267°, 40%, 56%
XYZ	14.9678, 12.0835, 27.5301
YIQ	100.2720, -2.8010, 23.2390

# Conversions

## Conversions Part 2

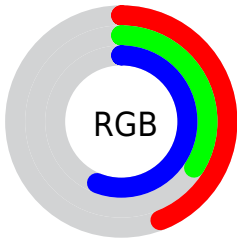
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 86, 143
Decimal	7362191
CIE <sub>Lab</sub>	41.35, 22.82, -27.59
CIE <sub>LCh</sub>	41, 35.803, 309.589
Yxy	12.0835, 0.2742, 0.2214
Android (android.graphics.Color)	4285552271 (0xFF70568F)
YUV	100.2720, 21.0649, 10.2855
Hunter-Lab	34.7613, 16.0276, -22.6232

# Details

The Decimal color **7362191** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7704406**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **10848453**, and **4073564** is the 20% darker color. If you saturate the color by 10%, you get **6834319**, and if you desaturate by 10%, it is **7890063**.

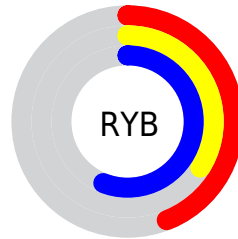
# Distribution



Red (44%)

Green (34%)

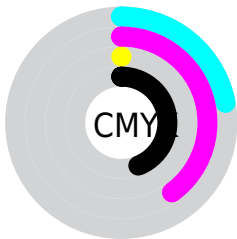
Blue (56%)



Red (44%)

Yellow (34%)

Blue (56%)

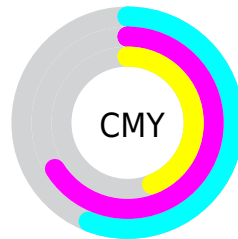


Cyan (22%)

Magenta (40%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (66%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7362191 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 7362191 by changing the saturation by 10% instead.





7362191



7362191

16777215



5717621



10848453



4073564



12624609



2560836



14466814



1376302



16374527



280



16774911



0



7362191



7362191



6834319



7890063



6306191



8418191

■ 5843855

■ 8880527

■ 5315983

■ 9408399

■ 4787855

■ 9936527

■ 4259983

■ 10464399

■ 10926735

■ 11454607

■ 11982735

# Harmonies

## Analogous

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



4153755



7362191



9260151

# Triad

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



7362191



8608042



28778

# Complementary

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



7362191



7704406

# 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.



1797964



7362191



6972197

# Square

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



7362191



9719358



4876850



28550

# Rectangle

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



7362191



9848931



4876850



28768



# Sweetspot

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



7362191



11445434



5666191



5722462



14606046



6184542



# Same Dimension

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



7362191



9068986



9197199



4472903



4063367



196616



# Inverse Universe

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



9393781



12214673



5869398



4669508



8847434

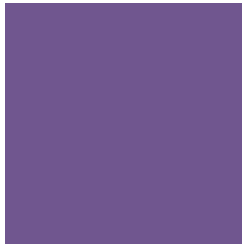


524292



# Previews

## White Background



This preview shows how the Decimal color 7362191 looks on a white background.

## Color Contrast Check

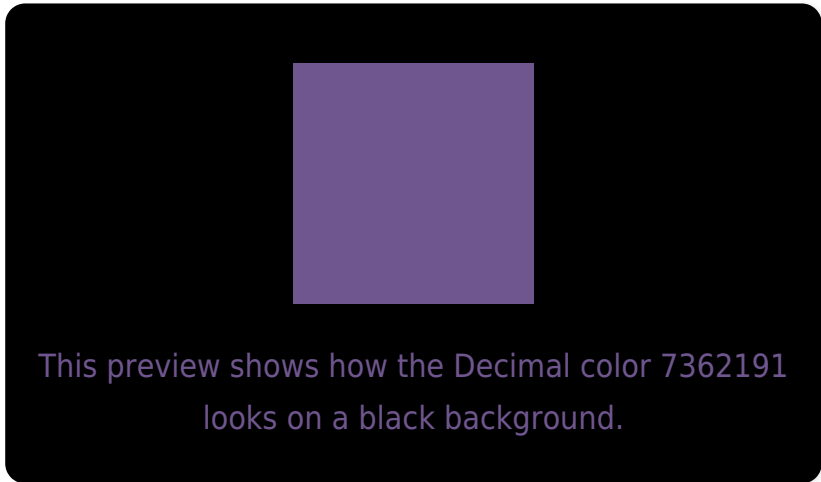
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

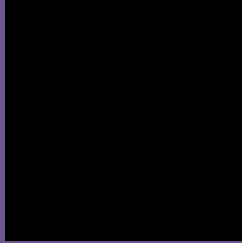
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 7362191 Background



This preview shows how black text looks on a background with the Decimal color 7362191.



This preview shows how white text looks on a background with the Decimal color 7362191.

# 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**  
7362191

**Protanopia**  
5136535

**Deuteranopia**  
5333389



**Tritanopia**  
6905702

# Trichromacy



**Original Color**

7362191

**Protanomaly**

5921940

**Deuteranomaly**

6053262

**Tritanomaly**

7101557

# Monochromacy



**Original Color**

7362191

**Achromatopsia**

6579300

**Achromatomaly**

6840180

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7362191 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 #70568F looks like.

```
.text, #text, p{  
    color:#70568F  
}
```

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 #70568F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70568F
}
```

## Border

The CSS property to change the border of an element to Decimal 7362191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

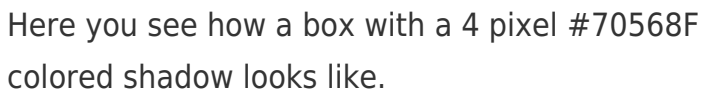
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70568F }
```

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

```
.border{ border-color:#70568F }
```

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



Here you see how a box with a 4 pixel #70568F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70568F; -webkit-box-shadow:4px 4px  
4px 4px #70568F; box-shadow:4px 4px 4px  
4px #70568F }
```

# Background

The CSS property to change the background color of an element to Decimal 7362191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70568F }
```

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

```
.background{ background-color:#70568F }
```

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