

Converting Colors

Decimal(7293587)

Have a look what the booklet for
Decimal(7293587) contains.

Decimal(7293587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7293587)

Conversions

Conversions Part 1

Format	Color
Hex	6F4A93
RGB	111, 74, 147
RGB Percent	44%, 29%, 58%
CMY	0.5647, 0.7098, 0.4235
CMYK	0.24, 0.50, 0.00, 0.42
HSL	270°, 33%, 43%
HSV	270°, 50%, 58%
XYZ	14.2708, 10.3837, 28.8559
YIQ	93.3850, -1.3810, 30.5470

Conversions

Conversions Part 2

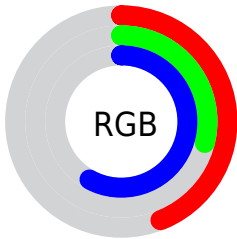
Format	Color
R_{YB}	111, 74, 147
Decimal	7293587
CIE _{Lab}	38.52, 30.74, -34.46
CIE _{LCh}	39, 46.180, 311.733
Yxy	10.3837, 0.2667, 0.1940
Android (android.graphics.Color)	4285483667 (0xFF6F4A93)
YUV	93.3850, 26.4322, 15.4484
Hunter-Lab	32.2237, 22.6602, -30.5368

Details

The Decimal color **7293587** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **7246666**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **10779849**, and **3939424** is the 20% darker color. If you saturate the color by 10%, you get **6830995**, and if you desaturate by 10%, it is **7756179**.

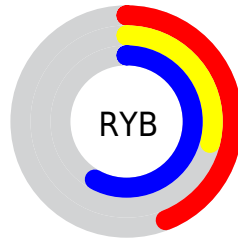
Distribution



Red (44%)

Green (29%)

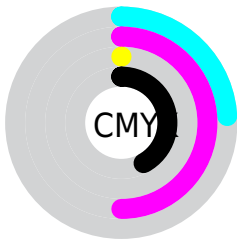
Blue (58%)



Red (44%)

Yellow (29%)

Blue (58%)

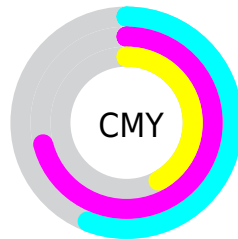


Cyan (24%)

Magenta (50%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7293587 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 7293587 by changing the saturation by 10% instead.



7293587



7293587

16777215



5583737



10779849



3939424



12621542



2360648



14463487



1048625



16370943



283



16771583



0



7293587



7293587



6830995



7756179



6368659



8218515

■ 5840531

■ 8746643

■ 5377939

■ 9209235

■ 4915603

■ 9671827

■ 4915347

■ 10134163

■ 10662291

■ 11124883

■ 11587219

Harmonies

Analogous

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



2316964



7293587



9583219

Triad

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



7293587



8409100



27753

Complementary

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



7293587



7246666

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.



27458



7293587



6249985

Square

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



7293587



9846826



3499550



27532

Rectangle

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



7293587



10237274



3499550



27740

Sweetspot

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



7293587



11641791



4878227



5787489



14737632



6381921

Same Dimension

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



7293587



8867263



9652883



4604746



4587658



327690

Inverse Universe

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



9652846



12537221



4887370



4866886



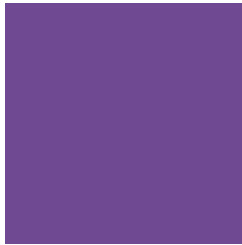
9044036



655365

Previews

White Background



This preview shows how the Decimal color 7293587 looks on a white background.

Color Contrast Check

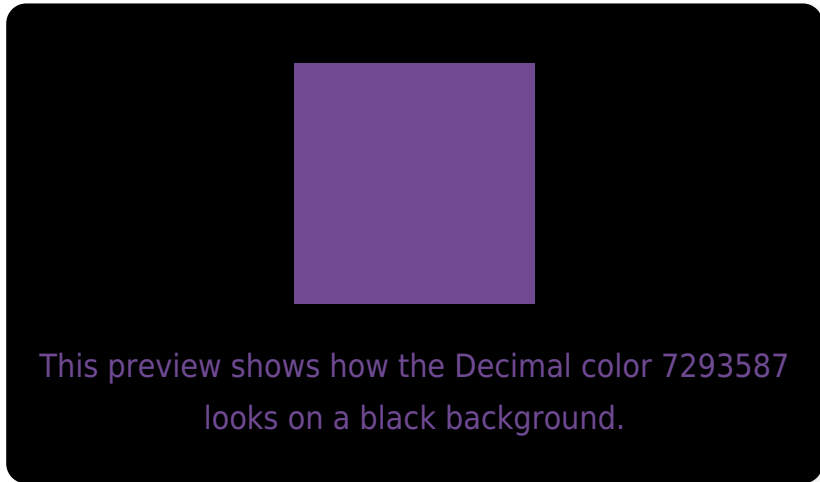
Large Text (above 18pt) WCAG AA ✓ Pass

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

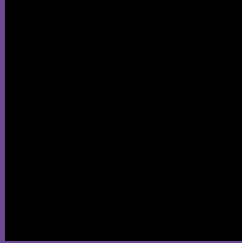
Any Text WCAG AA × Fail

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 7293587 Background



This preview shows how black text looks on a background with the Decimal color 7293587.



This preview shows how white text looks on a background with the Decimal color 7293587.

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
6707038

Trichromacy



Original Color
7293587

Protanomaly
5067932

Deuteranomaly
5264785

Tritanomaly
6902385

Monochromacy



Original Color
7293587

Achromatopsia
6118749

Achromatomaly
6575729

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7293587 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 #6F4A93 looks like.

```
.text, #text, p{  
    color:#6F4A93  
}
```

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 #6F4A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4A93
}
```

Border

The CSS property to change the border of an element to Decimal 7293587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

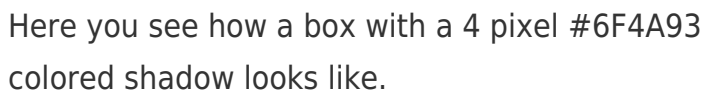
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4A93 }
```

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

```
.border{ border-color:#6F4A93 }
```

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



Here you see how a box with a 4 pixel #6F4A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4A93; -webkit-box-shadow:4px 4px  
4px 4px #6F4A93; box-shadow:4px 4px 4px  
4px #6F4A93 }
```

Background

The CSS property to change the background color of an element to Decimal 7293587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4A93 }
```

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

```
.background{ background-color:#6F4A93 }
```

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