

Converting Colors

Decimal(7433356)

Have a look what the booklet for
Decimal(7433356) contains.

Decimal(7433356)	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(7433356)

Conversions

Conversions Part 1

Format	Color
Hex	716C8C
RGB	113, 108, 140
RGB Percent	44%, 42%, 55%
CMY	0.5569, 0.5765, 0.4510
CMYK	0.19, 0.23, 0.00, 0.45
HSL	249°, 13%, 49%
HSV	249°, 23%, 55%
XYZ	16.9062, 16.1293, 27.0332
YIQ	113.1430, -7.2920, 11.0120

Conversions

Conversions Part 2

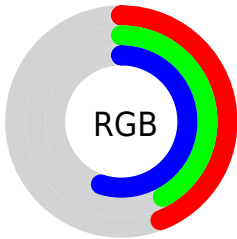
Format	Color
R_{YB}	113, 108, 140
Decimal	7433356
CIE Lab	47.14, 9.02, -16.83
CIE LCh	47, 19.099, 298.192
Yxy	16.1293, 0.2814, 0.2685
Android (android.graphics.Color)	4285623436 (0xFF716C8C)
YUV	113.1430, 13.2405, -0.1254
Hunter-Lab	40.1613, 4.8589, -11.7961

Details

The Decimal color **7433356** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8883308**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **10854338**, and **4275546** is the 20% darker color. If you saturate the color by 10%, you get **6643340**, and if you desaturate by 10%, it is **8223372**.

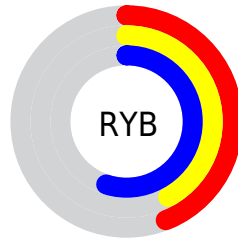
Distribution



Red (44%)

Green (42%)

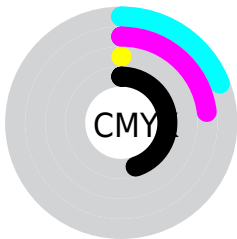
Blue (55%)



Red (44%)

Yellow (42%)

Blue (55%)

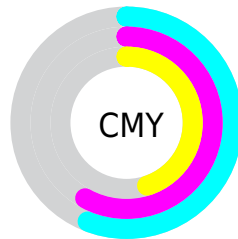


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7433356 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 7433356 by changing the saturation by 10% instead.

■ 7433356

■ 7433356

16777215

■ 5788786

■ 10854338

■ 4275546

■ 12630750

■ 2762562

■ 14472954

■ 1315628

■ 16380671

■ 279

■ 0

■ 7433356

■ 7433356

■ 6643340

■ 8223372

■ 5853324

■ 9013388

■ 5128844

■ 9737868

■ 4338828

■ 10527884

■ 3548812

■ 11317900

■ 2758796

■ 12107916

■ 1968780

■ 12897932

■ 1441932

■ 13687948

■ 14412428

Harmonies

Analogous

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



5927568



7433356



8677249

Triad

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



7433356



9005397



4749678

Complementary

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



7433356



8883308

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.



5863262



7433356



8154704

Square

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



7433356



9463137



7041875



4225150

Rectangle

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



7433356



9201015



7041875



5077097

Sweetspot

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



7433356



11184309



7112588



5657692



14408667



6052956

Same Dimension

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



7433356



9209013



8481932



4144709



1376389



65541

Inverse Universe

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



9202823



11895981



7834732



4537924



8716400



327684

Previews

White Background



This preview shows how the Decimal color 7433356 looks on a white background.

Color Contrast Check

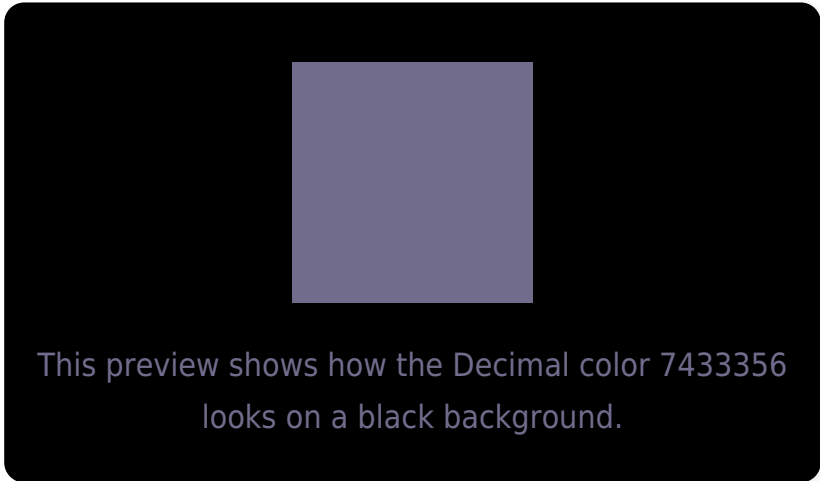
Large Text (above 18pt) WCAG AA ✓ Pass

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

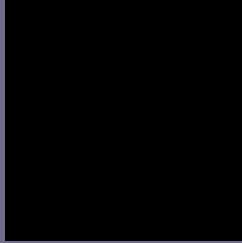
Any Text WCAG AA × Fail

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 7433356 Background



This preview shows how black text looks on a background with the Decimal color 7433356.



This preview shows how white text looks on a background with the Decimal color 7433356.

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
7433356

Protanopia
6844302

Deuteranopia
7106188



Tritanopia
7172216

Trichromacy



Original Color
7433356

Protanomaly
7040653

Deuteranomaly
7237004

Tritanomaly
7237503

Monochromacy



Original Color
7433356

Achromatopsia
7434609

Achromatomaly
7434107

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7433356 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 #716C8C looks like.

```
.text, #text, p{  
    color:#716C8C  
}
```

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 #716C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716C8C
}
```

Border

The CSS property to change the border of an element to Decimal 7433356 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".

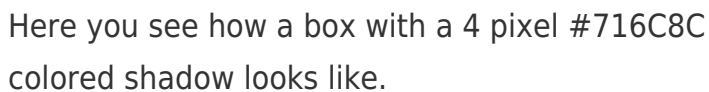
```
.border, #border, table{ border:4px solid
#716C8C }
```

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

```
.border{ border-color:#716C8C }
```

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

Here you see how a box with a 4 pixel #716C8C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716C8C; -webkit-box-shadow:4px 4px  
4px 4px #716C8C; box-shadow:4px 4px 4px  
4px #716C8C }
```

Background

The CSS property to change the background color of an element to Decimal 7433356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716C8C }
```

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

```
.background{ background-color:#716C8C }
```

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