

Converting Colors

Decimal(7435939)

Have a look what the booklet for
Decimal(7435939) contains.

Decimal(7435939)	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(7435939)

Conversions

Conversions Part 1

Format	Color
Hex	7176A3
RGB	113, 118, 163
RGB Percent	44%, 46%, 64%
CMY	0.5569, 0.5373, 0.3608
CMYK	0.31, 0.28, 0.00, 0.36
HSL	234°, 21%, 54%
HSV	234°, 31%, 64%
XYZ	19.8993, 19.1119, 37.2905
YIQ	121.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

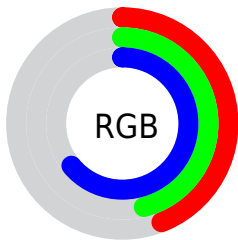
Format	Color
R_{YB}	113, 118, 163
Decimal	7435939
CIE _{Lab}	50.82, 8.89, -24.73
CIE _{LCh}	51, 26.275, 289.770
Yxy	19.1119, 0.2608, 0.2505
Android (android.graphics.Color)	4285626019 (0xFF7176A3)
YUV	121.6350, 20.3929, -7.5729
Hunter-Lab	43.7172, 4.7452, -19.9720

Details

The Decimal color **7435939** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10722929**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10922714**, and **4146799** is the 20% darker color. If you saturate the color by 10%, you get **6383523**, and if you desaturate by 10%, it is **8488355**.

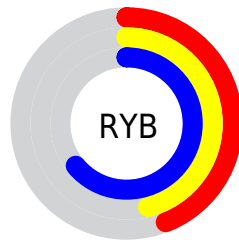
Distribution



Red (44%)

Green (46%)

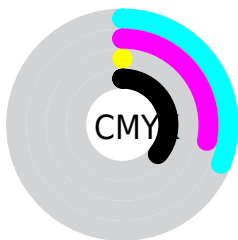
Blue (64%)



Red (44%)

Yellow (46%)

Blue (64%)

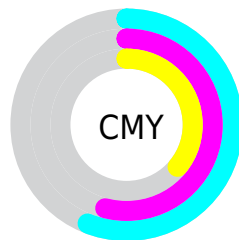


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7435939 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 7435939 by changing the saturation by 10% instead.

■ 7435939

■ 7435939

16777215

■ 5791113

■ 10922714

■ 4146799

■ 12699127

■ 2568279

■ 14606847

■ 924479

■ 16514815

■ 41

■ 275

■ 0

■ 7435939

■ 7435939

■ 6383523

■ 8488355

■ 5265827

■ 9606051

■ 4213411

■ 10658467

■ 3160995

■ 11710883

■ 2108835

■ 12828579

■ 990883

■ 13880995

■ 4259

■ 14933411

■ 15985571

■ 16775843

Harmonies

Analogous

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



5143973



7435939



9334422

Triad

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



7435939



10448216



4490608

Complementary

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



7435939



10722929

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.



6324827



7435939



9401677

Square

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



7435939



10840427



7961678



2983303

Rectangle

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



7435939



10185353



7961678



5080169

Sweetspot

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



7435939



12698580



7447454



6250603



15461355



7039851

Same Dimension

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



7435939



8752596



8745379



4803154



3985



530

Inverse Universe

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



10711414



13927821



9413489



5392714



9502735



1179650

Previews

White Background



This preview shows how the Decimal color 7435939 looks on a white 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

Black Background



This preview shows how the Decimal color 7435939 looks on a black 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

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

Decimal 7435939 Background



This preview shows how black text looks on a background with the Decimal color 7435939.



This preview shows how white text looks on a background with the Decimal color 7435939.

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

7435939

Protanopia

7108516

Deuteranopia

7174051

Trichromacy



Original Color
7435939

Protanomaly
7239588

Deuteranomaly
7239587

Tritanomaly
7174800

Monochromacy



Original Color
7435939

Achromatopsia
8026746

Achromatomaly
7829897

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7435939 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 #7176A3 looks like.

```
.text, #text, p{  
    color:#7176A3  
}
```

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 #7176A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7176A3
}
```

Border

The CSS property to change the border of an element to Decimal 7435939 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
#7176A3 }
```

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

```
.border{ border-color:#7176A3 }
```

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

Here you see how a box with a 4 pixel #7176A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7176A3; -webkit-box-shadow:4px 4px  
4px 4px #7176A3; box-shadow:4px 4px 4px  
4px #7176A3 }
```

Background

The CSS property to change the background color of an element to Decimal 7435939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7176A3 }
```

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

```
.background{ background-color:#7176A3 }
```

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