

# Converting Colors

Decimal(7440299)

Have a look what the booklet for  
Decimal(7440299) contains.

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# Color

**Decimal(7440299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7187AB
RGB	113, 135, 171
RGB Percent	44%, 53%, 67%
CMY	0.5569, 0.4706, 0.3294
CMYK	0.34, 0.21, 0.00, 0.33
HSL	217°, 26%, 56%
HSV	217°, 34%, 67%
XYZ	22.8247, 23.7789, 41.9149
YIQ	132.5260, -24.6680, 6.5320

# Conversions

## Conversions Part 2

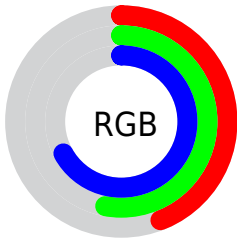
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 129, 171
Decimal	7440299
CIE Lab	55.87, 1.02, -21.58
CIE LCh	56, 21.607, 272.700
Yxy	23.7789, 0.2579, 0.2686
Android (android.graphics.Color)	4285630379 (0xFF7187AB)
YUV	132.5260, 18.9677, -17.1243
Hunter-Lab	48.7636, -1.7862, -16.8283

# Details

The Decimal color **7440299** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11244913**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **10927330**, and **4085367** is the 20% darker color. If you saturate the color by 10%, you get **6323371**, and if you desaturate by 10%, it is **8557227**.

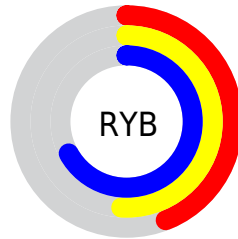
# Distribution



Red (44%)

Green (53%)

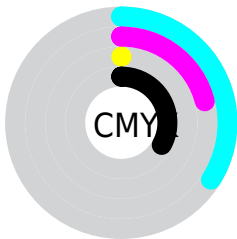
Blue (67%)



Red (44%)

Yellow (51%)

Blue (67%)

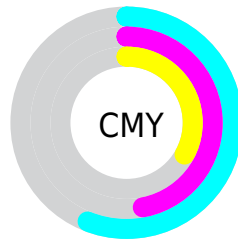


Cyan (34%)

Magenta (21%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (47%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7440299 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 7440299 by changing the saturation by 10% instead.



■ 7440299

■ 7440299

16777215

■ 5729936

■ 10927330

■ 4085367

■ 12769535

■ 2506334

■ 14611711

■ 665926

■ 16515071

■ 5168

■ 283

■ 0

■ 7440299

■ 7440299

■ 6323371

■ 8557227

■ 5206699

■ 9673899

■ 4089771

■ 10790827

■ 2973099

■ 11907499

■ 1790635

■ 13024427

■ 673707

■ 14206891

■ 16811

■ 15323563

■ 16440491

■ 16770987

# Harmonies

## Analogous

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



5868711



7440299



9142437

# Triad

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



7440299



11238002



6852468

# Complementary

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



7440299



11244913

# 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.



8293222



7440299



10649445

# Square

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



7440299



11237509



9602400



5607559

# Rectangle

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



7440299



10124445



9602400



7310959



# Sweetspot

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



7440299



13160670



7449493



6514800



15790320



7368816



# Same Dimension

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



7440299



8627678



7893419



5132631



14742



2327



# Inverse Universe

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



11235719



14582693



10791793



5721681



9830457



1507337



# Previews

## White Background



This preview shows how the Decimal color 7440299 looks on a white background.

## Color Contrast Check

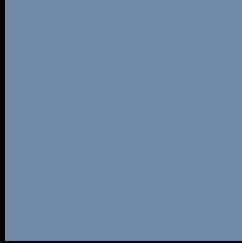
Large Text (above 18pt) WCAG AA ✓ Pass

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 7440299 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

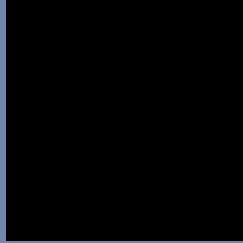
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

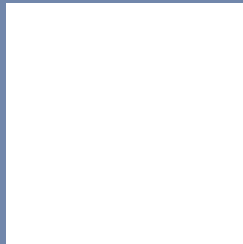
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7440299 Background



This preview shows how black text looks on a background with the Decimal color 7440299.

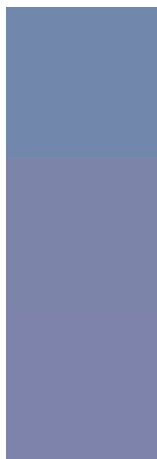


This preview shows how white text looks on a background with the Decimal color 7440299.

# 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**


7440299

**Protanopia**

8160425

**Deuteranopia**

8291244



**Tritanopia**  
7113622

# Trichromacy



**Original Color**

7440299

**Protanomaly**

7898538

**Deuteranomaly**

7963820

**Tritanomaly**

7244446

# Monochromacy



**Original Color**

7440299

**Achromatopsia**

8750469

**Achromatomaly**

8291987

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7440299 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 #7187AB looks like.

```
.text, #text, p{  
    color:#7187AB  
}
```

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 #7187AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7187AB
}
```

## Border

The CSS property to change the border of an element to Decimal 7440299 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
#7187AB }
```

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

```
.border{ border-color:#7187AB }
```

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

Here you see how a box with a 4 pixel #7187AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7187AB; -webkit-box-shadow:4px 4px  
4px 4px #7187AB; box-shadow:4px 4px 4px  
4px #7187AB }
```

# Background

The CSS property to change the background color of an element to Decimal 7440299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7187AB }
```

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

```
.background{ background-color:#7187AB }
```

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](#).



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