

Converting Colors

Decimal(7442587)

Have a look what the booklet for
Decimal(7442587) contains.

Decimal(7442587)	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(7442587)

Conversions

Conversions Part 1

Format	Color
Hex	71909B
RGB	113, 144, 155
RGB Percent	44%, 56%, 61%
CMY	0.5569, 0.4353, 0.3922
CMYK	0.27, 0.07, 0.00, 0.39
HSL	196°, 17%, 53%
HSV	196°, 27%, 61%
XYZ	22.6997, 25.8238, 34.7984
YIQ	135.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

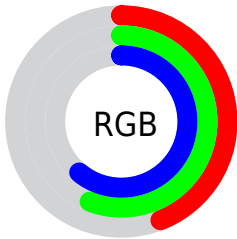
Format	Color
R_{YB}	113, 131, 155
Decimal	7442587
CIE _{Lab}	57.87, -8.19, -9.38
CIE _{LCh}	58, 12.450, 228.883
Yxy	25.8238, 0.2724, 0.3099
Android (android.graphics.Color)	4285632667 (0xFF71909B)
YUV	135.9850, 9.3744, -20.1578
Hunter-Lab	50.8171, -9.1950, -5.0285

Details

The Decimal color **7442587** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10189937**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **10929873**, and **4152936** is the 20% darker color. If you saturate the color by 10%, you get **6458523**, and if you desaturate by 10%, it is **8492187**.

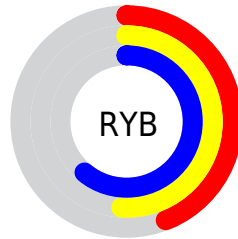
Distribution



Red (44%)

Green (56%)

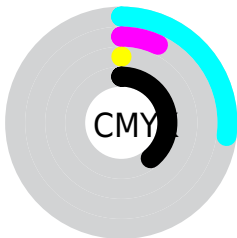
Blue (61%)



Red (44%)

Yellow (51%)

Blue (61%)

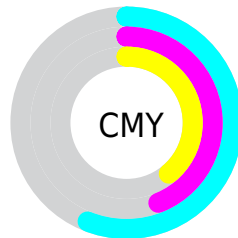


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (39%)



Cyan (56%)

Magenta (44%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7442587 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 7442587 by changing the saturation by 10% instead.



7442587



7442587

16777215



5797505



10929873



4152936



12706542



2639440



14548735



1060921



16449535



6947



270



0



7442587



7442587



6458523



8492187

■ 5408923

■ 9476251

■ 4424859

■ 10525851

■ 3375259

■ 11509915

■ 2325659

■ 12493979

■ 1341595

■ 13543579

■ 357531

■ 14593179

■ 29339

■ 15577243

■ 16561563

Harmonies

Analogous

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



7311762



7442587



8031648

Triad

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



7442587



10454160



9210998

Complementary

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



7442587



10189937

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.



9996662



7442587



10650756

Square

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



7442587



9799321



10520187



8425341

Rectangle

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



7442587



8620960



10520187



9472886

Sweetspot

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



7442587



12174793



7445372



6054758



15132390



6710886

Same Dimension

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



7442587



8894665



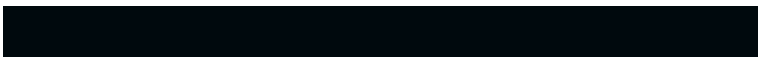
7437467



4541005



26764



2317

Inverse Universe

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



10187152



13207480



10195313



5064010



9175144



851977

Previews

White Background



This preview shows how the Decimal color 7442587 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 7442587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

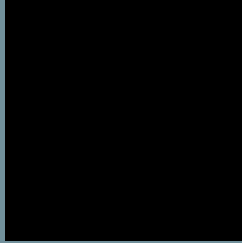
Any Text WCAG AA ✓ Pass

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 7442587 Background



This preview shows how black text looks on a background with the Decimal color 7442587.

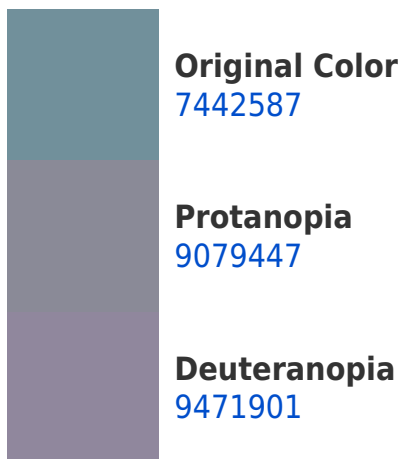


This preview shows how white text looks on a background with the Decimal color 7442587.

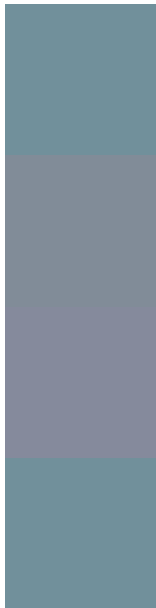
Color Blindness Simulation

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



Trichromacy



Original Color

7442587

Protanomaly

8490136

Deuteranomaly

8751772

Tritanomaly

7442587

Monochromacy



Original Color

7442587

Achromatopsia

8947848

Achromatomaly

8424335

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7442587 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 #71909B looks like.

```
.text, #text, p{  
    color:#71909B  
}
```

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 #71909B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71909B
}
```

Border

The CSS property to change the border of an element to Decimal 7442587 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
#71909B }
```

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

```
.border{ border-color:#71909B }
```

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

Here you see how a box with a 4 pixel #71909B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71909B; -webkit-box-shadow:4px 4px  
4px 4px #71909B; box-shadow:4px 4px 4px  
4px #71909B }
```

Background

The CSS property to change the background color of an element to Decimal 7442587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71909B }
```

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

```
.background{ background-color:#71909B }
```

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