

Converting Colors

Decimal(7500942)

Have a look what the booklet for
Decimal(7500942) contains.

Decimal(7500942)	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(7500942)

Conversions

Conversions Part 1

Format	Color
Hex	72748E
RGB	114, 116, 142
RGB Percent	45%, 45%, 56%
CMY	0.5529, 0.5451, 0.4431
CMYK	0.20, 0.18, 0.00, 0.44
HSL	236°, 11%, 50%
HSV	236°, 20%, 56%
XYZ	18.0673, 18.0212, 28.1174
YIQ	118.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

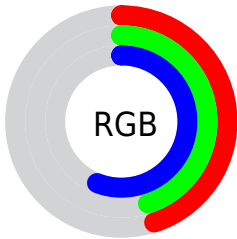
Format	Color
R_{YB}	114, 116, 142
Decimal	7500942
CIE _{Lab}	49.52, 5.07, -14.39
CIE _{LCh}	50, 15.258, 289.399
Yxy	18.0212, 0.2814, 0.2807
Android (android.graphics.Color)	4285691022 (0xFF72748E)
YUV	118.3660, 11.6516, -3.8290
Hunter-Lab	42.4514, 1.6797, -9.5544

Details

The Decimal color **7500942** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9342066**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10922180**, and **4342876** is the 20% darker color. If you saturate the color by 10%, you get **6580110**, and if you desaturate by 10%, it is **8421774**.

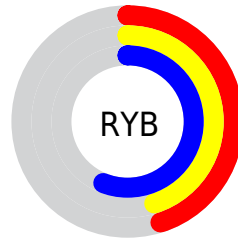
Distribution



Red (45%)

Green (45%)

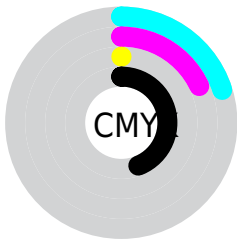
Blue (56%)



Red (45%)

Yellow (45%)

Blue (56%)

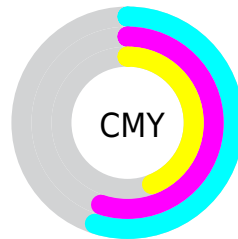


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7500942 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 7500942 by changing the saturation by 10% instead.

■ 7500942

■ 7500942

16777215

■ 5856116

■ 10922180

■ 4342876

■ 12698592

■ 2829892

■ 14540796

■ 1382702

■ 16448767

■ 26

■ 0

■ 7500942

■ 7500942

■ 6580110

■ 8421774

■ 5659278

■ 9342606

■ 4672654

■ 10329230

■ 3751822

■ 11250062

■ 2830990

■ 12170894

■ 1910158

■ 13091726

■ 989326

■ 14012558

■ 2958

■ 14998926

■ 2702

■ 15920014

Harmonies

Analogous

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



6387855



7500942



8548487

Triad

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



7500942



9269091



5995889

Complementary

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



7500942



9342066

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.



6847333



7500942



8680285

Square

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



7500942



9530734



7829597



5471614

Rectangle

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



7500942



9072255



7829597



6257772

Sweetspot

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



7500942



11382200



7507596



5592668



14408667



6052956

Same Dimension

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



7500942



9211832



8286862



4211015



2695



264

Inverse Universe

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



9335412



12094607



8556146



4669505



8847370



524289

Previews

White Background



This preview shows how the Decimal color 7500942 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



This preview shows how the Decimal color 7500942 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 7500942 Background



This preview shows how black text looks on a background with the Decimal color 7500942.



This preview shows how white text looks on a background with the Decimal color 7500942.

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
7500942

Protanopia
7370126

Deuteranopia
7697294



Tritanopia
7304832

Trichromacy



Original Color

7500942

Protanomaly

7435662

Deuteranomaly

7631758

Tritanomaly

7370117

Monochromacy



Original Color

7500942

Achromatopsia

7763574

Achromatomaly

7697791

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7500942 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 #72748E looks like.

```
.text, #text, p{  
    color:#72748E  
}
```

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 #72748E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72748E
}
```

Border

The CSS property to change the border of an element to Decimal 7500942 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
#72748E }
```

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

```
.border{ border-color:#72748E }
```

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

Here you see how a box with a 4 pixel #72748E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72748E; -webkit-box-shadow:4px 4px  
4px 4px #72748E; box-shadow:4px 4px 4px  
4px #72748E }
```

Background

The CSS property to change the background color of an element to Decimal 7500942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72748E }
```

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

```
.background{ background-color:#72748E }
```

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