

Converting Colors

Decimal(7641788)

Have a look what the booklet for
Decimal(7641788) contains.

Decimal(7641788)	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(7641788)

Conversions

Conversions Part 1

Format	Color
Hex	749ABC
RGB	116, 154, 188
RGB Percent	45%, 60%, 74%
CMY	0.5451, 0.3961, 0.2627
CMYK	0.38, 0.18, 0.00, 0.26
HSL	208°, 35%, 60%
HSV	208°, 38%, 74%
XYZ	27.8352, 30.4550, 51.9883
YIQ	146.5140, -33.5620, 2.5180

Conversions

Conversions Part 2

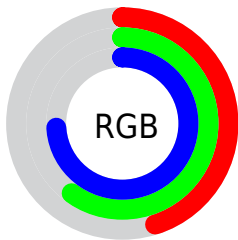
Format	Color
R _Y B	116, 141, 188
Decimal	7641788
CIE Lab	62.04, -4.36, -21.76
CIE LCh	62, 22.192, 258.665
Yxy	30.4550, 0.2524, 0.2762
Android (android.graphics.Color)	4285831868 (0xFF749ABC)
YUV	146.5140, 20.4526, -26.7608
Hunter-Lab	55.1861, -6.5425, -17.2241

Details

The Decimal color **7641788** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12359284**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **11194612**, and **4220807** is the 20% darker color. If you saturate the color by 10%, you get **6394300**, and if you desaturate by 10%, it is **8889276**.

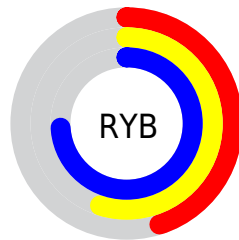
Distribution



Red (45%)

Green (60%)

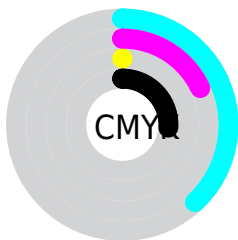
Blue (74%)



Red (45%)

Yellow (55%)

Blue (74%)

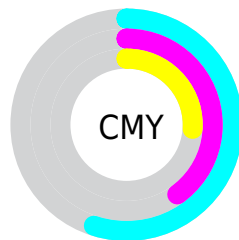


Cyan (38%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (55%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7641788 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 7641788 by changing the saturation by 10% instead.

■ 7641788

■ 7641788

16777215

■ 5931169

■ 11194612

■ 4220807

■ 13037055

■ 2445165

■ 14942207

■ 145493

■ 9021

■ 3368

■ 274

■ 0

■ 7641788

■ 7641788

■ 6394300

■ 8889276

■ 5146812

■ 10136764

■ 3964860

■ 11318716

■ 2717372

■ 12566204

■ 1470140

■ 13813436

■ 222652

■ 15060924

■ 25532

■ 16308412

■ 16769468

■ 16771772

Harmonies

Analogous

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



6332339



7641788



9409467

Triad

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



7641788



12486794



8494715

Complementary

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



7641788



12359284

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.



10000752



7641788



12160121

Square

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



7641788



12093598



11244144



7119246

Rectangle

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



7641788



10522549



11244144



9018487

Sweetspot

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



7641788



14346485



7650454



6976378



16448250



8026746

Same Dimension

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



7641788



8700149



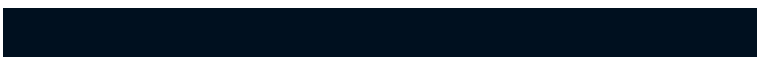
7632572



5593694



21406



4127

Inverse Universe

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



12350618



16090304



12368500



6182234



10354771



2031632

Previews

White Background



This preview shows how the Decimal color 7641788 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 7641788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

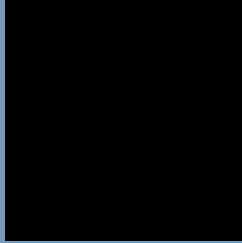
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 7641788 Background



This preview shows how black text looks on a background with the Decimal color 7641788.




This preview shows how white text looks on a background with the Decimal color 7641788.

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





Tritanopia
7314858

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7641788 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 #749ABC looks like.

```
.text, #text, p{  
  color:#749ABC  
}
```

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 #749ABC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749ABC
}
```

Border

The CSS property to change the border of an element to Decimal 7641788 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
#749ABC }
```

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

```
.border{ border-color:#749ABC }
```

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

Here you see how a box with a 4 pixel #749ABC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749ABC; -webkit-box-shadow:4px 4px  
4px 4px #749ABC; box-shadow:4px 4px 4px  
4px #749ABC }
```

Background

The CSS property to change the background color of an element to Decimal 7641788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749ABC }
```

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

```
.background{ background-color:#749ABC }
```

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