

Converting Colors

Decimal(7640745)

Have a look what the booklet for
Decimal(7640745) contains.

Decimal(7640745)	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(7640745)

Conversions

Conversions Part 1

Format	Color
Hex	7496A9
RGB	116, 150, 169
RGB Percent	45%, 59%, 66%
CMY	0.5451, 0.4118, 0.3373
CMYK	0.31, 0.11, 0.00, 0.34
HSL	202°, 24%, 56%
HSV	202°, 31%, 66%
XYZ	25.2702, 28.3903, 41.6841
YIQ	142.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

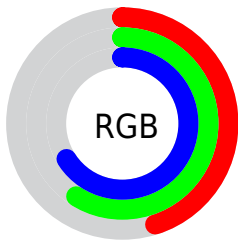
Format	Color
RYB	116, 137, 169
Decimal	7640745
CIELab	60.24, -7.11, -13.77
CIElCh	60, 15.501, 242.699
Yxy	28.3903, 0.2650, 0.2978
Android (android.graphics.Color)	4285830825 (0xFF7496A9)
YUV	142.0000, 13.3110, -22.8020
Hunter-Lab	53.2825, -8.5874, -9.0861

Details

The Decimal color **7640745** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11110260**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **11128032**, and **4350837** is the 20% darker color. If you saturate the color by 10%, you get **6525097**, and if you desaturate by 10%, it is **8756393**.

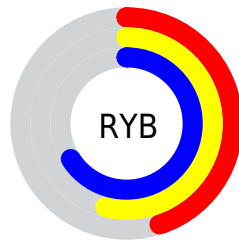
Distribution



Red (45%)

Green (59%)

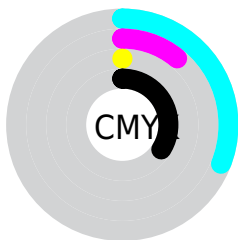
Blue (66%)



Red (45%)

Yellow (54%)

Blue (66%)

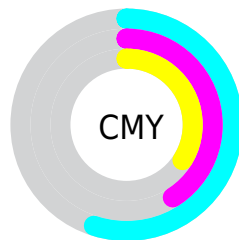


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7640745 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 7640745 by changing the saturation by 10% instead.



7640745



7640745

16777215



5930127



11128032



4350837



12970237



2706268



14811135



996677

16711679



8238



794



0



7640745



7640745



6525097



8756393

■ 5409449

■ 9872041

■ 4293801

■ 10987689

■ 3178153

■ 12103337

■ 2062505

■ 13153449

■ 1012393

■ 14269097

■ 27817

■ 15384745

■ 16500393

■ 16764329

Harmonies

Analogous

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



7182751



7640745



8622764

Triad

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



7640745



11372688



9213306

Complementary

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



7640745



11110260

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.



10195318



7640745



11372931

Square

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



7640745



10783134



10980473



8165508

Rectangle

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



7640745



9408426



10980473



9540728

Sweetspot

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



7640745



13161691



7645575



6449518



15592941



7237230

Same Dimension

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



7640745



8961499



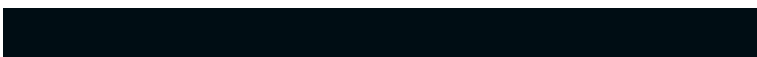
7634089



5001556



24468



3348

Inverse Universe

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



11105430



14387389



11116916



5524561



9699423



1310733

Previews

White Background



This preview shows how the Decimal color 7640745 looks on a white background.

Color Contrast Check

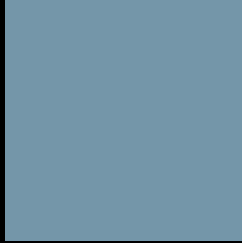
Large Text (above 18pt) WCAG AA ✓ Pass

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 7640745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

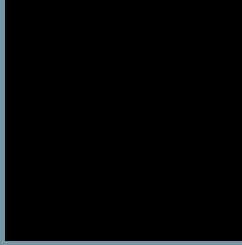
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

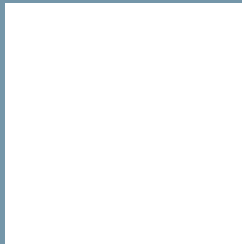
Any Text WCAG AAA × Fail

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

Decimal 7640745 Background



This preview shows how black text looks on a background with the Decimal color 7640745.

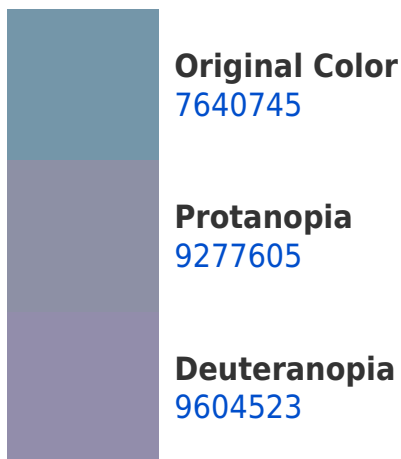


This preview shows how white text looks on a background with the Decimal color 7640745.

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



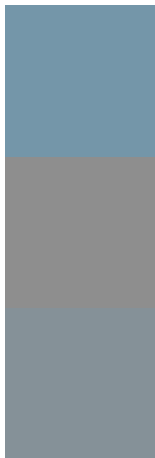
Original Color
7640745

Protanomaly
8688294

Deuteranomaly
8884394

Tritanomaly
7575461

Monochromacy



Original Color
7640745

Achromatopsia
9342606

Achromatomaly
8753560

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7640745 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 #7496A9 looks like.

```
.text, #text, p{  
  color:#7496A9  
}
```

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 #7496A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7496A9
}
```

Border

The CSS property to change the border of an element to Decimal 7640745 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
#7496A9 }
```

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

```
.border{ border-color:#7496A9 }
```

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

Here you see how a box with a 4 pixel #7496A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7496A9; -webkit-box-shadow:4px 4px  
4px 4px #7496A9; box-shadow:4px 4px 4px  
4px #7496A9 }
```

Background

The CSS property to change the background color of an element to Decimal 7640745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7496A9 }
```

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

```
.background{ background-color:#7496A9 }
```

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