

Converting Colors

Decimal(747901)

Have a look what the booklet for
Decimal(747901) contains.

Decimal(747901)	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(747901)

Conversions

Conversions Part 1

Format	Color
Hex	0B697D
RGB	11, 105, 125
RGB Percent	4%, 41%, 49%
CMY	0.9569, 0.5882, 0.5098
CMYK	0.91, 0.16, 0.00, 0.51
HSL	191°, 84%, 27%
HSV	191°, 91%, 49%
XYZ	8.8913, 11.6550, 21.1831
YIQ	79.1740, -62.4440, -13.7080

Conversions

Conversions Part 2

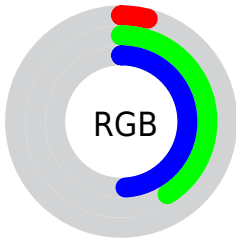
Format	Color
R_{YB}	11, 63, 125
Decimal	747901
CIE _{Lab}	40.66, -17.26, -18.19
CIE _{LCh}	41, 25.078, 226.511
Yxy	11.6550, 0.2131, 0.2793
Android (android.graphics.Color)	4278937981 (0xFF0B697D)
YUV	79.1740, 22.5922, -59.7886
Hunter-Lab	34.1394, -13.2554, -12.8911

Details

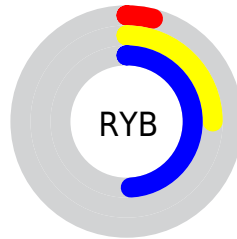
The Decimal color **747901** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8199947**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5348530**, and **14924** is the 20% darker color. If you saturate the color by 10%, you get **26493**, and if you desaturate by 10%, it is **1600381**.

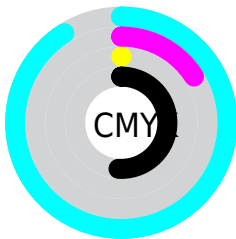
Distribution



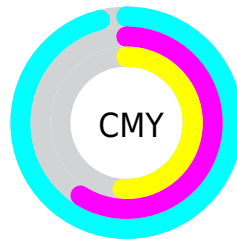
- Red (4%)
- Green (41%)
- Blue (49%)



- Red (4%)
- Yellow (25%)
- Blue (49%)



- Cyan (91%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)

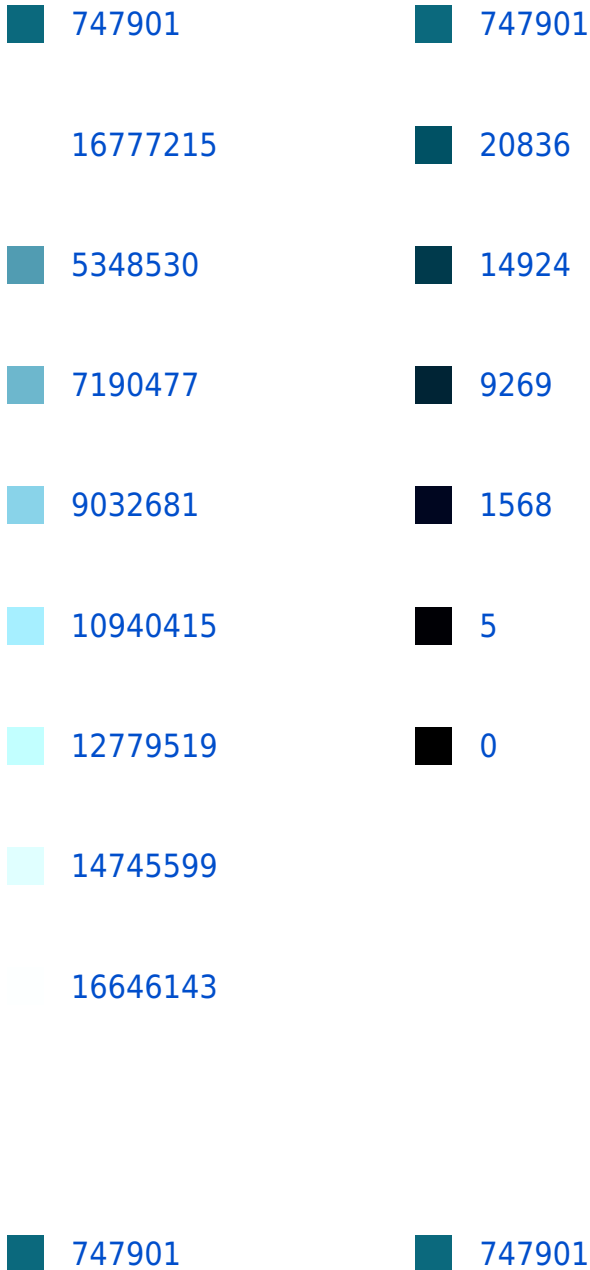


- Cyan (96%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 747901 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 747901 by changing the saturation by 10% instead.



■ 26493

■ 1600381

■ 2387325

■ 3240061

■ 4027005

■ 4879485

■ 5666429

■ 6518909

■ 7306109

■ 8158589

Harmonies

Analogous

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



1141611



747901



3237255

Triad

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



747901



8540522



6447672

Complementary

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



747901



8199947

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.



7691064



747901



8933461

Square

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



747901



7362172



8606787



4941635

Rectangle

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



747901



4808840



8606787



6905911

Sweetspot

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



747901



7838627



752926



3624274



13750737



5395026

Same Dimension

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



747901



34723



733565



3751744



27008



0

Inverse Universe

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



8194921



10682503



8214283



4208959



8388713



0

Previews

White Background



This preview shows how the Decimal color 747901 looks on a white background.

Color Contrast Check

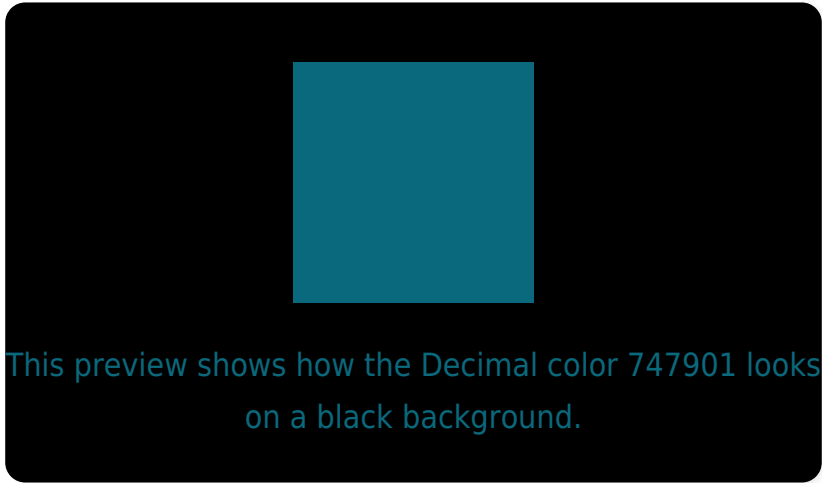
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

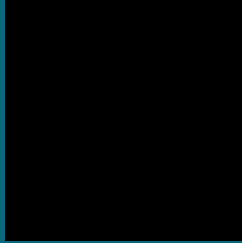
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 747901 Background



This preview shows how black text looks on a background with the Decimal color 747901.

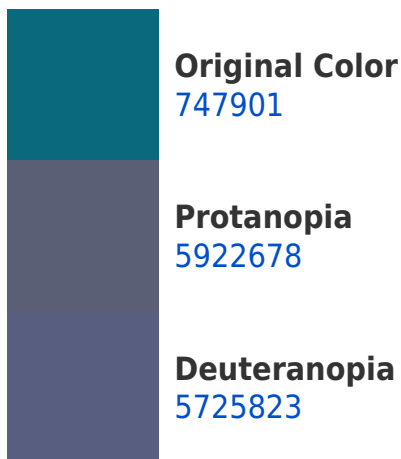



This preview shows how white text looks on a background with the Decimal color 747901.

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
27251

Trichromacy



Original Color
747901

Protanomaly
4023161

Deuteranomaly
3891838

Tritanomaly
289399

Monochromacy



Original Color
747901

Achromatopsia
5197647

Achromatomaly
3561568

CSS Examples

Text

The CSS property to change the color of the text to Decimal 747901 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 #0B697D looks like.

```
.text, #text, p{  
    color:#0B697D  
}
```

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 #0B697D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B697D
}
```

Border

The CSS property to change the border of an element to Decimal 747901 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
#0B697D }
```

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

```
.border{ border-color:#0B697D }
```

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

Here you see how a box with a 4 pixel #0B697D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B697D; -webkit-box-shadow:4px 4px  
4px 4px #0B697D; box-shadow:4px 4px 4px  
4px #0B697D }
```

Background

The CSS property to change the background color of an element to Decimal 747901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B697D }
```

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

```
.background{ background-color:#0B697D }
```

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