

Converting Colors

Decimal(7634595)

Have a look what the booklet for
Decimal(7634595) contains.

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Color

Decimal(7634595)

Conversions

Conversions Part 1

Format	Color
Hex	747EA3
RGB	116, 126, 163
RGB Percent	45%, 49%, 64%
CMY	0.5451, 0.5059, 0.3608
CMYK	0.29, 0.23, 0.00, 0.36
HSL	227°, 20%, 55%
HSV	227°, 29%, 64%
XYZ	21.2742, 21.2791, 37.6363
YIQ	127.2280, -17.8370, 9.3870

Conversions

Conversions Part 2

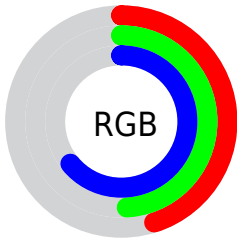
Format	Color
RYB	116, 124, 163
Decimal	7634595
CIELab	53.25, 5.07, -20.96
CIElCh	53, 21.564, 283.611
Yxy	21.2791, 0.2653, 0.2654
Android (android.graphics.Color)	4285824675 (0xFF747EA3)
YUV	127.2280, 17.6356, -9.8470
Hunter-Lab	46.1292, 1.5956, -16.0836

Details

The Decimal color **7634595** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10721652**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11121626**, and **4345199** is the 20% darker color. If you saturate the color by 10%, you get **6582691**, and if you desaturate by 10%, it is **8686499**.

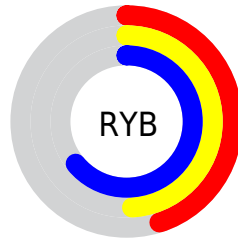
Distribution



Red (45%)

Green (49%)

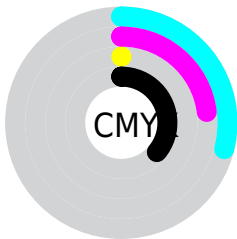
Blue (64%)



Red (45%)

Yellow (49%)

Blue (64%)

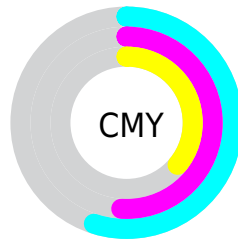


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7634595 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 7634595 by changing the saturation by 10% instead.



7634595



7634595

16777215



5989769



11121626



4345199



12898039



2766679



14805759



1188159

16711679



2601



276



0



7634595



7634595



6582691



8686499

■ 5465251

■ 9803939

■ 4413603

■ 10855587

■ 3361699

■ 11907491

■ 2309795

■ 13024931

■ 1192355

■ 14076835

■ 140451

■ 15128739

■ 9123

■ 16180643

■ 16773539

Harmonies

Analogous

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



5932194



7634595



9205914

Triad

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



7634595



10646886



5933428

Complementary

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



7634595



10721652

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.



7308900



7634595



9861980

Square

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



7634595



10842743



8683867



4885127

Rectangle

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



7634595



10056848



8683867



6391918

Sweetspot

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



7634595



12699092



7644057



6251115



15461355



7039851

Same Dimension

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



7634595



9083348



8484003



4803410



8081



1042

Inverse Universe

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



10712190



13929113



9872244



5392715



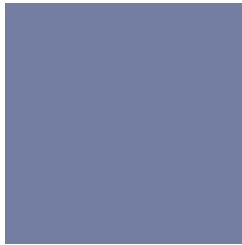
9502751



1179652

Previews

White Background



This preview shows how the Decimal color 7634595 looks on a white background.

Color Contrast Check

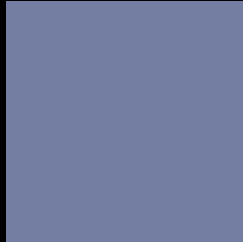
Large Text (above 18pt) WCAG AA ✓ Pass

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 7634595 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

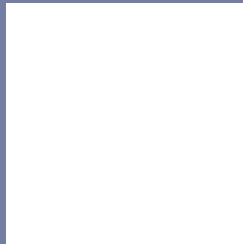
Any Text WCAG AAA × Fail

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

Decimal 7634595 Background



This preview shows how black text looks on a background with the Decimal color 7634595.



This preview shows how white text looks on a background with the Decimal color 7634595.

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

7634595

Protanopia

7700131

Deuteranopia

7896483



Tritanopia
7307916

Trichromacy



Original Color
7634595

Protanomaly
7700131

Deuteranomaly
7830947

Tritanomaly
7438740

Monochromacy



Original Color
7634595

Achromatopsia
8355711

Achromatomaly
8093580

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7634595 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 #747EA3 looks like.

```
.text, #text, p{  
    color:#747EA3  
}
```

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 #747EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747EA3
}
```

Border

The CSS property to change the border of an element to Decimal 7634595 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
#747EA3 }
```

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

```
.border{ border-color:#747EA3 }
```

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

Here you see how a box with a 4 pixel #747EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747EA3; -webkit-box-shadow:4px 4px  
4px 4px #747EA3; box-shadow:4px 4px 4px  
4px #747EA3 }
```

Background

The CSS property to change the background color of an element to Decimal 7634595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747EA3 }
```

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

```
.background{ background-color:#747EA3 }
```

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](#).

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