

Converting Colors

Decimal(7634596)

Have a look what the booklet for
Decimal(7634596) contains.

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Color

Decimal(7634596)

Conversions

Conversions Part 1

Format	Color
Hex	747EA4
RGB	116, 126, 164
RGB Percent	45%, 49%, 64%
CMY	0.5451, 0.5059, 0.3569
CMYK	0.29, 0.23, 0.00, 0.36
HSL	228°, 21%, 55%
HSV	228°, 29%, 64%
XYZ	21.3642, 21.3150, 38.1102
YIQ	127.3420, -18.1580, 9.6980

Conversions

Conversions Part 2

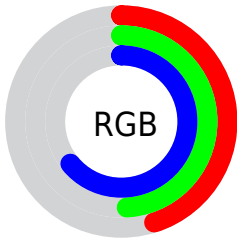
Format	Color
R_{YB}	116, 124, 164
Decimal	7634596
CIE _{Lab}	53.29, 5.33, -21.48
CIE _{LCh}	53, 22.130, 283.946
Yxy	21.3150, 0.2644, 0.2638
Android (android.graphics.Color)	4285824676 (0xFF747EA4)
YUV	127.3420, 18.0724, -9.9469
Hunter-Lab	46.1682, 1.8057, -16.6239

Details

The Decimal color **7634596** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10787444**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11121627**, and **4345200** is the 20% darker color. If you saturate the color by 10%, you get **6582692**, and if you desaturate by 10%, it is **8686500**.

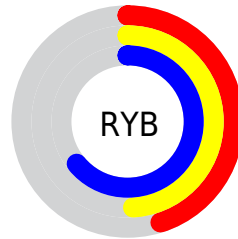
Distribution



Red (45%)

Green (49%)

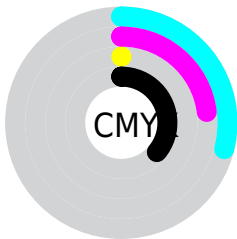
Blue (64%)



Red (45%)

Yellow (49%)

Blue (64%)

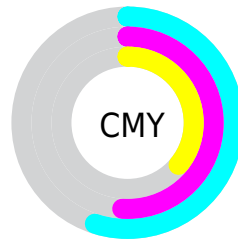


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7634596 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 7634596 by changing the saturation by 10% instead.

■ 7634596

■ 7634596

16777215

■ 5989770

■ 11121627

■ 4345200

■ 12963576

■ 2766680

■ 14805759

■ 1188160

16711679

■ 2602

■ 277

■ 0

■ 7634596

■ 7634596

■ 6582692

■ 8686500

■ 5465252

■ 9803940

■ 4413348

■ 10855844

■ 3295908

■ 11973284

■ 2244004

■ 13025188

■ 1192100

■ 14077092

■ 74660

■ 15194532

■ 8868

■ 16246436

■ 16774052

Harmonies

Analogous

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



5866659



7634596



9271195

Triad

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



7634596



10646886



5867892

Complementary

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



7634596



10787444

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.



7243363



7634596



9861979

Square

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



7634596



10908023



8683866



4754056

Rectangle

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



7634596



10122384



8683866



6326382

Sweetspot

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



7634596



12830678



7644314



6251115



15461355



7039851

Same Dimension

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



7634596



9149398



8549540



4803410



7825



1042

Inverse Universe

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



10777726



14060443



9872500



5392715



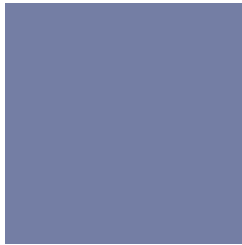
9502750



1179652

Previews

White Background



This preview shows how the Decimal color 7634596 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 7634596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

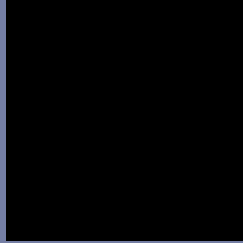
Any Text WCAG AA ✓ Pass

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 7634596 Background



This preview shows how black text looks on a background with the Decimal color 7634596.



This preview shows how white text looks on a background with the Decimal color 7634596.

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
7634596

Protanopia
7700132

Deuteranopia
7896484



Tritanopia
7307917

Trichromacy



Original Color
7634596

Protanomaly
7700132

Deuteranomaly
7830948

Tritanomaly
7438741

Monochromacy



Original Color
7634596

Achromatopsia
8355711

Achromatomaly
8093580

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7634596 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 #747EA4 looks like.

```
.text, #text, p{  
    color:#747EA4  
}
```

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 #747EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747EA4
}
```

Border

The CSS property to change the border of an element to Decimal 7634596 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
#747EA4 }
```

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

```
.border{ border-color:#747EA4 }
```

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

Here you see how a box with a 4 pixel #747EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747EA4; -webkit-box-shadow:4px 4px  
4px 4px #747EA4; box-shadow:4px 4px 4px  
4px #747EA4 }
```

Background

The CSS property to change the background color of an element to Decimal 7634596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747EA4 }
```

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

```
.background{ background-color:#747EA4 }
```

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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