

Converting Colors

Decimal(7634583)

Have a look what the booklet for
Decimal(7634583) contains.

Decimal(7634583)	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(7634583)

Conversions

Conversions Part 1

Format	Color
Hex	747E97
RGB	116, 126, 151
RGB Percent	45%, 49%, 59%
CMY	0.5451, 0.5059, 0.4078
CMYK	0.23, 0.17, 0.00, 0.41
HSL	223°, 14%, 52%
HSV	223°, 23%, 59%
XYZ	20.2492, 20.8691, 32.2390
YIQ	125.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

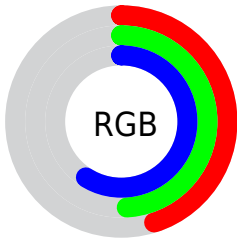
Format	Color
R_{YB}	116, 124, 151
Decimal	7634583
CIE _{Lab}	52.81, 2.05, -14.67
CIE _{LCh}	53, 14.814, 277.947
Yxy	20.8691, 0.2760, 0.2845
Android (android.graphics.Color)	4285824663 (0xFF747E97)
YUV	125.8600, 12.3940, -8.6472
Hunter-Lab	45.6827, -0.8231, -9.8641

Details

The Decimal color **7634583** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9932148**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **11056077**, and **4410724** is the 20% darker color. If you saturate the color by 10%, you get **6648727**, and if you desaturate by 10%, it is **8620439**.

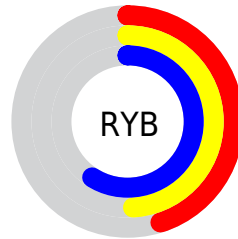
Distribution



Red (45%)

Green (49%)

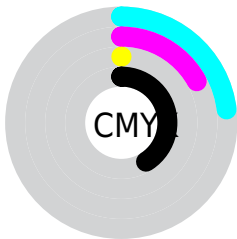
Blue (59%)



Red (45%)

Yellow (49%)

Blue (59%)

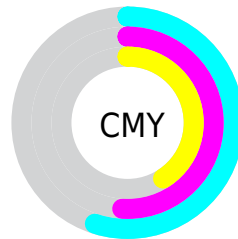


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (51%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7634583 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 7634583 by changing the saturation by 10% instead.



7634583



7634583

16777215



5989757



11056077



4410724



12898025



2897484



14740223



1450293

16646143



2592



6



0



7634583



7634583



6648727



8620439

■ 5662871

■ 9606295

■ 4677271

■ 10591895

■ 3691415

■ 11577751

■ 2705559

■ 12629143

■ 1654167

■ 13614999

■ 668567

■ 14600599

■ 11159

■ 15586455

■ 16572311

Harmonies

Analogous

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



6652565



7634583



8747666

Triad

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



7634583



9992047



6849908

Complementary

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



7634583



9932148

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.



7766634



7634583



9468519

Square

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



7634583



9991547



8683109



6194561

Rectangle

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



7634583



9336716



8683109



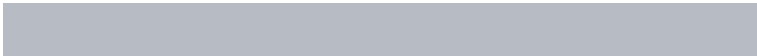
7177328

Sweetspot

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



7634583



12041156



7640973



5987939



14935011



6513507

Same Dimension

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



7634583



9280964



8090775



4540237



10380



1037

Inverse Universe

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



9925758



12881309



9475956



5064007



9175080



851972

Previews

White Background



This preview shows how the Decimal color 7634583 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 7634583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

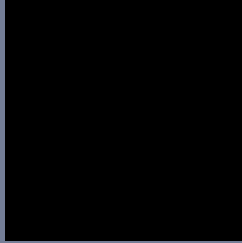
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

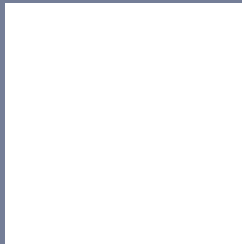
Any Text WCAG AAA × Fail

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

Decimal 7634583 Background



This preview shows how black text looks on a background with the Decimal color 7634583.



This preview shows how white text looks on a background with the Decimal color 7634583.

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

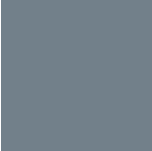
7634583

Protanopia

7962006

Deuteranopia

8223640



Tritanopia
7504010

Trichromacy



Original Color
7634583

Protanomaly
7830934

Deuteranomaly
8027288

Tritanomaly
7569295

Monochromacy



Original Color
7634583

Achromatopsia
8289918

Achromatomaly
8027783

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7634583 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 #747E97 looks like.

```
.text, #text, p{  
    color:#747E97  
}
```

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 #747E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747E97
}
```

Border

The CSS property to change the border of an element to Decimal 7634583 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
#747E97 }
```

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

```
.border{ border-color:#747E97 }
```

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

Here you see how a box with a 4 pixel #747E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747E97; -webkit-box-shadow:4px 4px  
4px 4px #747E97; box-shadow:4px 4px 4px  
4px #747E97 }
```

Background

The CSS property to change the background color of an element to Decimal 7634583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747E97 }
```

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

```
.background{ background-color:#747E97 }
```

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