

Converting Colors

Decimal(7503550)

Have a look what the booklet for
Decimal(7503550) contains.

Decimal(7503550)	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(7503550)

Conversions

Conversions Part 1

Format	Color
Hex	727EBE
RGB	114, 126, 190
RGB Percent	45%, 49%, 75%
CMY	0.5529, 0.5059, 0.2549
CMYK	0.40, 0.34, 0.00, 0.25
HSL	231°, 37%, 60%
HSV	231°, 40%, 75%
XYZ	23.6945, 22.2168, 51.7546
YIQ	129.7080, -27.6960, 17.3600

Conversions

Conversions Part 2

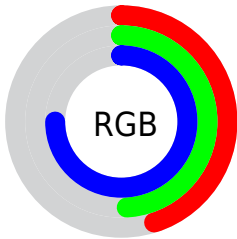
Format	Color
R_{YB}	114, 124, 190
Decimal	7503550
CIE _{Lab}	54.26, 11.85, -34.95
CIE _{LCh}	54, 36.908, 288.734
Yxy	22.2168, 0.2426, 0.2275
Android (android.graphics.Color)	4285693630 (0xFF727EBE)
YUV	129.7080, 29.7240, -13.7759
Hunter-Lab	47.1347, 7.2459, -32.1070

Details

The Decimal color **7503550** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12497522**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **11056119**, and **4017544** is the 20% darker color. If you saturate the color by 10%, you get **6254270**, and if you desaturate by 10%, it is **8752830**.

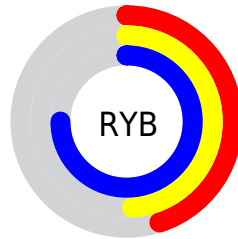
Distribution



Red (45%)

Green (49%)

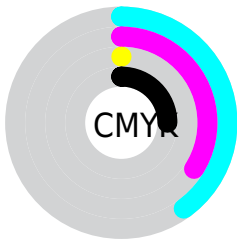
Blue (75%)



Red (45%)

Yellow (49%)

Blue (75%)

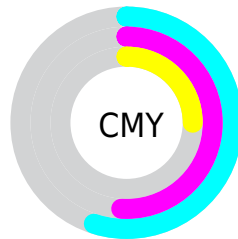


Cyan (40%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7503550 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 7503550 by changing the saturation by 10% instead.

■ 7503550

■ 7503550

16777215

■ 5793187

■ 11056119

■ 4017544

■ 12963583

■ 2176879

■ 14805759

■ 8790

16711679

■ 3134

■ 808

■ 273

■ 0

■ 7503550

■ 7503550

■ 6254270

■ 8752830

■ 5004990

■ 10002110

■ 3755710

■ 11251390

■ 2506430

■ 12500670

■ 1257150

■ 13749950

■ 7870

■ 14999230

■ 16248510

■ 16776894

■ 16777150

Harmonies

Analogous

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



3246528



7503550



10384044

Triad

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



7503550



11956307



2921076

Complementary

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



7503550



12497522

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.



6131286



7503550



10517571

Square

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



7503550



12544367



8554052



37525

Rectangle

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



7503550



11627418



8554052



4165994

Sweetspot

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



7503550



14343927



7519921



7040637



16579836



8224125

Same Dimension

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



7503550



8492023



9138878



5592670



6558



1311

Inverse Universe

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



12481150



16220563



10862194



6182230



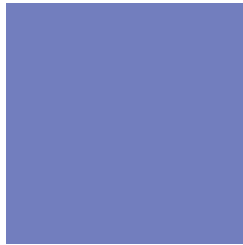
10354713



2031621

Previews

White Background



This preview shows how the Decimal color 7503550 looks on a white background.

Color Contrast Check

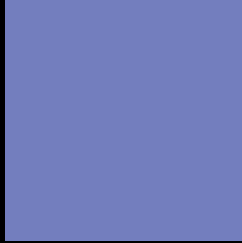
Large Text (above 18pt) WCAG AA ✓ Pass

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 7503550 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 7503550 Background



This preview shows how black text looks on a background with the Decimal color 7503550.



This preview shows how white text looks on a background with the Decimal color 7503550.

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
7503550

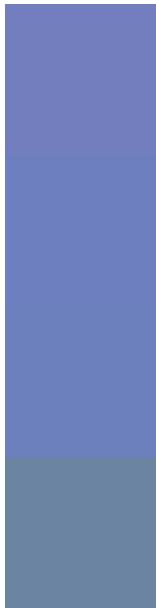
Protanopia
7110591

Deuteranopia
6848957



Tritanopia
6784914

Trichromacy



Original Color
7503550

Protanomaly
7241663

Deuteranomaly
7110845

Tritanomaly
7046306

Monochromacy



Original Color
7503550

Achromatopsia
8553090

Achromatomaly
8159640

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7503550 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 #727EBE looks like.

```
.text, #text, p{  
    color:#727EBE  
}
```

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 #727EBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727EBE
}
```

Border

The CSS property to change the border of an element to Decimal 7503550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

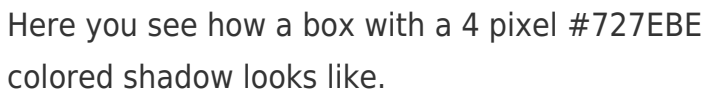
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#727EBE }
```

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

```
.border{ border-color:#727EBE }
```

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



Here you see how a box with a 4 pixel #727EBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727EBE; -webkit-box-shadow:4px 4px  
4px 4px #727EBE; box-shadow:4px 4px 4px  
4px #727EBE }
```

Background

The CSS property to change the background color of an element to Decimal 7503550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727EBE }
```

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

```
.background{ background-color:#727EBE }
```

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