

Converting Colors

Hex(7557DC)

Have a look what the booklet for
Hex(7557DC) contains.

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Color

Hex(7557DC)

Conversions

Conversions Part 1

Format	Color
Hex	7557DC
RGB	117, 87, 220
RGB Percent	46%, 34%, 86%
CMY	0.5412, 0.6588, 0.1373
CMYK	0.47, 0.60, 0.00, 0.14
HSL	254°, 66%, 60%
HSV	254°, 60%, 86%
XYZ	23.6626, 15.7656, 69.5061
YIQ	111.1320, -24.8130, 47.7230

Conversions

Conversions Part 2

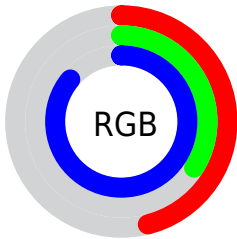
Format	Color
R _Y B	117, 87, 220
Decimal	7690204
CIE Lab	46.67, 44.43, -64.16
CIE LCh	47, 78.045, 304.702
Yxy	15.7656, 0.2172, 0.1447
Android (android.graphics.Color)	4285880284 (0xFF7557DC)
YUV	111.1320, 53.6719, 5.1462
Hunter-Lab	39.7059, 36.8910, -75.9942

Details

The Hex color **7557DC** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **BEDC57**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AF8AFF**, and **3827A4** is the 20% darker color. If you saturate the color by 10%, you get **6441DC**, and if you desaturate by 10%, it is **866DDC**.

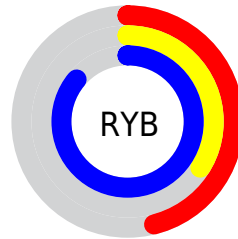
Distribution



Red (46%)

Green (34%)

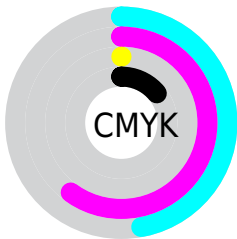
Blue (86%)



Red (46%)

Yellow (34%)

Blue (86%)

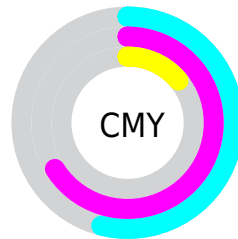


Cyan (47%)

Magenta (60%)

Yellow (0%)

Black (14%)



Cyan (54%)

Magenta (66%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7557DC 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 Hex color 7557DC by changing the saturation by 10% instead.

7557DC

7557DC

FFFFFF

573FC0

AF8AFF

3827A4

CDA5FF

0C0F89

EBC0FF

00006F

FFDCFF

000055

FFF9FF

00063D

000326

00010F

000000

 7557DC

 7557DC

 6441DC

 866DDC

 532BDC

 9783DC

 4215DC

 A899DC

 3200DC

 B9AFDC

 CAC5DC

 DBDBDC

 ECF1DC

 FDFDC

 FFFFDC

Harmonies

Analogous

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



0074F3



7557DC



C227A8

Triad

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



7557DC



B25500



008978

Complementary

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



7557DC



BEDC57

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.



008631



7557DC



7E7000

Square

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



7557DC



D42927



357F00



0089B8

Rectangle

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



7557DC



D9007D



357F00



008961

Sweetspot

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



7557DC



DBD1FF



57BFDC



6A6380



000000



808080

Same Dimension

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



7557DC



6F45FF



B657DC



65636E



2700AD



0A002E

Inverse Universe

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



DC57BE



FF45D5



7DDC57



6E636B



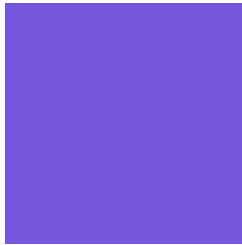
AD0086



2E0024

Previews

White Background



This preview shows how the Hex color 7557DC looks on a white background.

Color Contrast Check

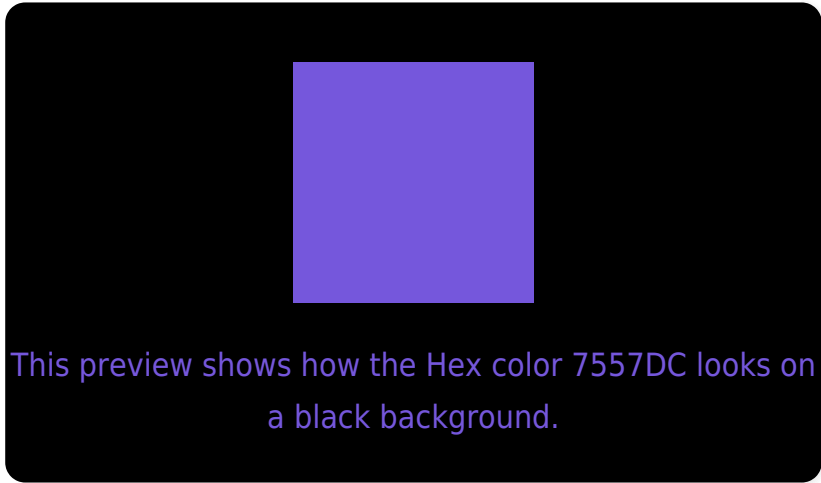
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 7557DC Background



This preview shows how black text looks on a background with the Hex color 7557DC.

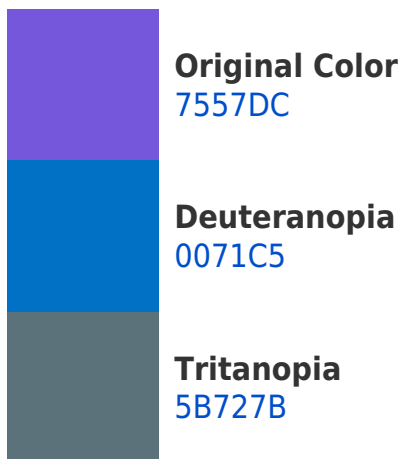


This preview shows how white text looks on a background with the Hex color 7557DC.

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



Trichromacy



Original Color
7557DC



Deuteranomaly
2B68CD

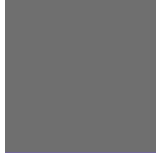


Tritanomaly
64689E

Monochromacy



Original Color
7557DC



Achromatopsia
6F6F6F



Achromatomaly
716697

CSS Examples

Text

The CSS property to change the color of the text to Hex 7557DC 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 #7557DC looks like.

```
.text, #text, p{  
    color:#7557DC  
}
```

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 #7557DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7557DC
}
```

Border

The CSS property to change the border of an element to Hex 7557DC 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
#7557DC }
```

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

```
.border{ border-color:#7557DC }
```

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

Here you see how a box with a 4 pixel #7557DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7557DC; -webkit-box-shadow:4px 4px  
4px 4px #7557DC; box-shadow:4px 4px 4px  
4px #7557DC }
```

Background

The CSS property to change the background color of an element to Hex 7557DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7557DC }
```

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

```
.background{ background-color:#7557DC }
```

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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