

Converting Colors

Decimal(7500456)

Have a look what the booklet for
Decimal(7500456) contains.

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Color

Decimal(7500456)

Conversions

Conversions Part 1

Format	Color
Hex	7272A8
RGB	114, 114, 168
RGB Percent	45%, 45%, 66%
CMY	0.5529, 0.5529, 0.3412
CMYK	0.32, 0.32, 0.00, 0.34
HSL	240°, 24%, 55%
HSV	240°, 32%, 66%
XYZ	20.0246, 18.4392, 39.5495
YIQ	120.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

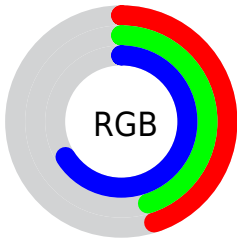
Format	Color
RYB	114, 114, 168
Decimal	7500456
CIELab	50.02, 12.93, -28.86
CIElCh	50, 31.628, 294.128
Yxy	18.4392, 0.2567, 0.2364
Android (android.graphics.Color)	4285690536 (0xFF7272A8)
YUV	120.1560, 23.5871, -5.3988
Hunter-Lab	42.9409, 8.0934, -24.5488

Details

The Decimal color **7500456** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11053170**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **10987231**, and **4145780** is the 20% darker color. If you saturate the color by 10%, you get **6381992**, and if you desaturate by 10%, it is **8618920**.

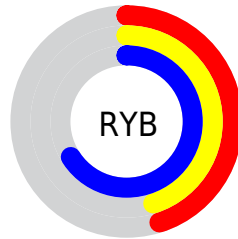
Distribution



Red (45%)

Green (45%)

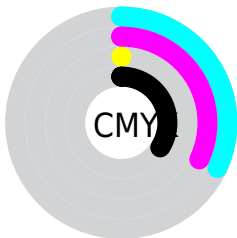
Blue (66%)



Red (45%)

Yellow (45%)

Blue (66%)

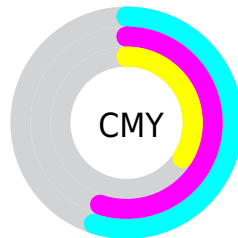


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7500456 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 7500456 by changing the saturation by 10% instead.

■ 7500456

■ 7500456

16777215

■ 5790349

■ 10987231

■ 4145780

■ 12829180

■ 2567259

■ 14671359

■ 792643

■ 16579071

■ 45

■ 279

■ 0

■ 7500456

■ 7500456

■ 6381992

■ 8618920

■ 5263528

■ 9737384

■ 4210856

■ 10790056

■ 3092392

■ 11908520

■ 1973928

■ 13026984

■ 855464

■ 14145448

■ 168

■ 15263912

■ 16316584

■ 16777128

Harmonies

Analogous

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



4488108



7500456



9726103

Triad

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



7500456



10578508



2852209

Complementary

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



7500456



11053170

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.



5472855



7500456



9270337

Square

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



7500456



11232098



7502917



34188

Rectangle

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



7500456



10642310



7502917



3834983

Sweetspot

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



7500456



12961243



7514280



6316142



15592941



7237230

Same Dimension

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



7500456



8816347



9269928



5000276



148



20

Inverse Universe

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



11039400



14386907



9283698



5524564



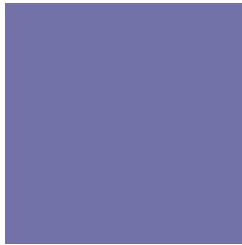
9699476



1310740

Previews

White Background



This preview shows how the Decimal color 7500456 looks on a white background.

Color Contrast Check

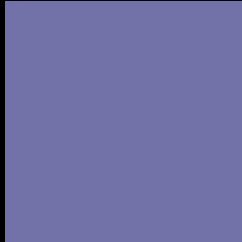
Large Text (above 18pt) WCAG AA ✓ Pass

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 7500456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

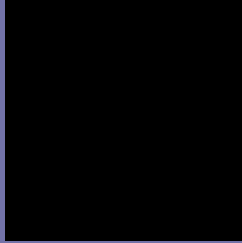
Any Text WCAG AA ✓ Pass

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 7500456 Background



This preview shows how black text looks on a background with the Decimal color 7500456.



This preview shows how white text looks on a background with the Decimal color 7500456.

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
7500456

Protanopia
6714794

Deuteranopia
6715047



Tritanopia
6977923

Trichromacy



Original Color
7500456

Protanomaly
6976681

Deuteranomaly
6976935

Tritanomaly
7173776

Monochromacy



Original Color
7500456

Achromatopsia
7895160

Achromatomaly
7763593

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7500456 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 #7272A8 looks like.

```
.text, #text, p{  
    color:#7272A8  
}
```

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 #7272A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7272A8  
}
```

Border

The CSS property to change the border of an element to Decimal 7500456 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  
#7272A8 }
```

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

```
.border{ border-color:#7272A8 }
```

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

Here you see how a box with a 4 pixel #7272A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7272A8; -webkit-box-shadow:4px 4px  
4px 4px #7272A8; box-shadow:4px 4px 4px  
4px #7272A8 }
```

Background

The CSS property to change the background color of an element to Decimal 7500456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7272A8 }
```

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

```
.background{ background-color:#7272A8 }
```

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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