

Converting Colors

Hex(7528BF)

Have a look what the booklet for
Hex(7528BF) contains.

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Color

Hex(7528BF)

Conversions

Conversions Part 1

Format	Color
Hex	7528BF
RGB	117, 40, 191
RGB Percent	46%, 16%, 75%
CMY	0.5412, 0.8431, 0.2510
CMYK	0.39, 0.79, 0.00, 0.25
HSL	271°, 65%, 45%
HSV	271°, 79%, 75%
XYZ	17.4989, 9.0611, 50.1169
YIQ	80.2370, -2.5790, 63.2850

Conversions

Conversions Part 2

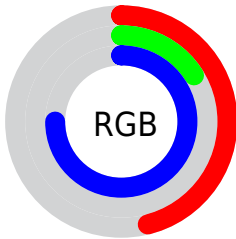
Format	Color
R_{YB}	117, 40, 191
Decimal	7678143
CIE _{Lab}	36.10, 59.87, -64.59
CIE _{LCh}	36, 88.067, 312.826
Yxy	9.0611, 0.2282, 0.1182
Android (android.graphics.Color)	4285868223 (0xFF7528BF)
YUV	80.2370, 54.6062, 32.2412
Hunter-Lab	30.1016, 51.0890, -77.6421

Details

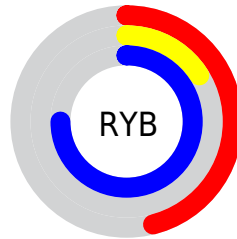
The Hex color **7528BF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **72BF28**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AF5FF8**, and **3A0088** is the 20% darker color. If you saturate the color by 10%, you get **6C15BF**, and if you desaturate by 10%, it is **7E3BBF**.

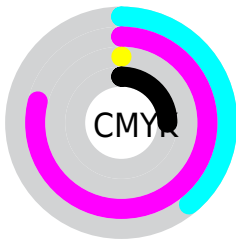
Distribution



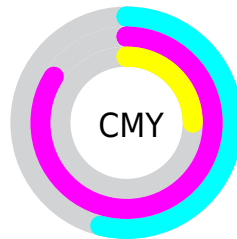
- Red (46%)
- Green (16%)
- Blue (75%)



- Red (46%)
- Yellow (16%)
- Blue (75%)



- Cyan (39%)
- Magenta (79%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (84%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7528BF 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 7528BF by changing the saturation by 10% instead.

 7528BF

 7528BF

FFFFFF

 5802A3

 AF5FF8

 3A0088

 CC79FF

 16006E

 EA95FF

 000055

 FFB1FF

 00063C

 FFCDFE

 000226

 FFEAFF

 00010E

 000000

 7528BF

 7528BF

6C15BF

7E3BBF

6202BF

884EBF

6100BF

9161BF

9A74BF

A488BF

AD9BBF

B7AEBF

C0C1BF

C9D4BF

Harmonies

Analogous

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



0056E3



7528BF



B80080

Triad

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



7528BF



894200



006F73

Complementary

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



7528BF



72BF28

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.



006C27



7528BF



4C5C00

Square

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



7528BF



B40000



006800



006FB6

Rectangle

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



7528BF



C70052



006800



006E5A

Sweetspot

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



7528BF



DABCF7



2874BF



6B597D



FCFCFC



7D7D7D

Same Dimension

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



7528BF



840CF7



BF28BF



5A555E



51009E



10001F

Inverse Universe

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



BF2872



F70C80



28BF28



5E555A



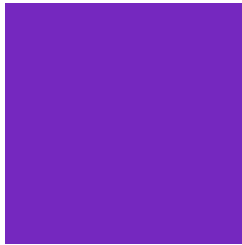
9E004D



1F000F

Previews

White Background



This preview shows how the Hex color 7528BF 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

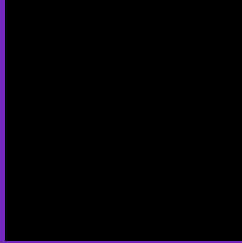
Any Text WCAG AA × Fail

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 7528BF Background



This preview shows how black text looks on a background with the Hex color 7528BF.

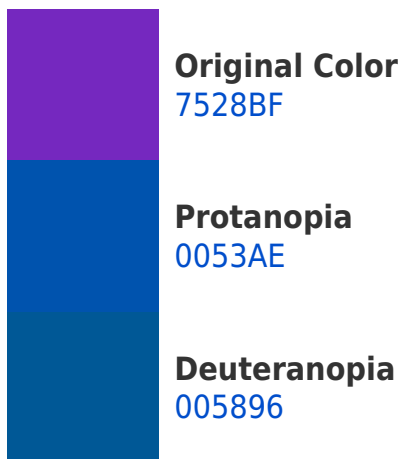


This preview shows how white text looks on a background with the Hex color 7528BF.

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





Tritanopia
5F5158

Trichromacy



Original Color
7528BF



Protanomaly
2B43B4



Deuteranomaly
2B47A5



Tritanomaly
67427D

Monochromacy



Original Color
7528BF



Achromatopsia
505050



Achromatomaly
5D4178

CSS Examples

Text

The CSS property to change the color of the text to Hex 7528BF 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 #7528BF looks like.

```
.text, #text, p{  
    color:#7528BF  
}
```

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 #7528BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7528BF
}
```

Border

The CSS property to change the border of an element to Hex 7528BF 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".

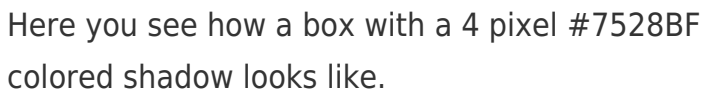
```
.border, #border, table{ border:4px solid
#7528BF }
```

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

```
.border{ border-color:#7528BF }
```

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

Here you see how a box with a 4 pixel #7528BF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7528BF; -webkit-box-shadow:4px 4px  
4px 4px #7528BF; box-shadow:4px 4px 4px  
4px #7528BF }
```

Background

The CSS property to change the background color of an element to Hex 7528BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7528BF }
```

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

```
.background{ background-color:#7528BF }
```

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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