

Converting Colors

Hex(7312B2)

Have a look what the booklet for
Hex(7312B2) contains.

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Color

Hex(7312B2)

Conversions

Conversions Part 1

Format	Color
Hex	7312B2
RGB	115, 18, 178
RGB Percent	45%, 7%, 70%
CMY	0.5490, 0.9294, 0.3020
CMYK	0.35, 0.90, 0.00, 0.30
HSL	276°, 82%, 38%
HSV	276°, 90%, 70%
XYZ	15.3224, 7.2918, 42.7194
YIQ	65.2430, 6.4520, 70.3240

Conversions

Conversions Part 2

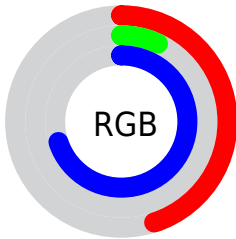
Format	Color
R_{YB}	115, 18, 178
Decimal	7541426
CIE _{Lab}	32.46, 63.23, -62.86
CIE _{LCh}	32, 89.162, 315.171
Yxy	7.2918, 0.2345, 0.1116
Android (android.graphics.Color)	4285731506 (0xFF7312B2)
YUV	65.2430, 55.5892, 43.6369
Hunter-Lab	27.0033, 54.0298, -74.8946

Details

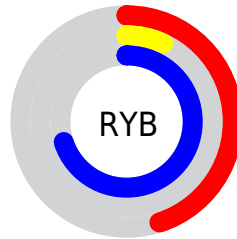
The Hex color **7312B2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **51B212**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AD50EB**, and **39007C** is the 20% darker color. If you saturate the color by 10%, you get **6C00B2**, and if you desaturate by 10%, it is **7A24B2**.

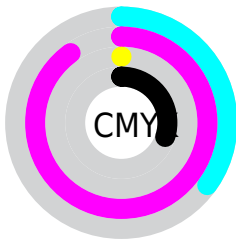
Distribution



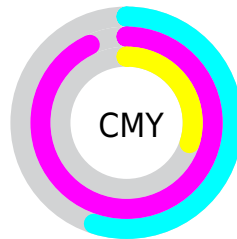
- Red (45%)
- Green (7%)
- Blue (70%)



- Red (45%)
- Yellow (7%)
- Blue (70%)



- Cyan (35%)
- Magenta (90%)
- Yellow (0%)
- Black (30%)



- Cyan (55%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7312B2 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 7312B2 by changing the saturation by 10% instead.

7312B2

7312B2

FFFFFF

560097

AD50EB

39007C

CA6BFF

190062

E887FF

000049

FFA3FF

000432

FFBFFF

00011C

FFDCFF

000000

FFF9FF

7312B2

7312B2

■ 6C00B2

■ 7A24B2

■ 8136B2

■ 8847B2

■ 8F59B2

■ 966BB2

■ 9D7DB2

■ A48FB2

■ ABA0B2

■ B2B2B2

Harmonies

Analogous

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



004CD9



7312B2



B10072

Triad

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



7312B2



7A3C00



006570

Complementary

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



7312B2



51B212

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.



006325



7312B2



3C5400

Square

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



7312B2



A60000



005F00



0066B1

Rectangle

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



7312B2



BD0044



005F00



006457

Sweetspot

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



7312B2



CFA9E8



1252B2



675075



F5F5F5



757575

Same Dimension

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



7312B2



8D00E8



B212A2



565059



5D0099



0F001A

Inverse Universe

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



B21251



E8005B



12B222



595054



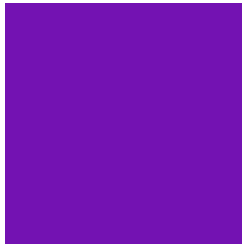
99003C



1A000A

Previews

White Background



This preview shows how the Hex color 7312B2 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

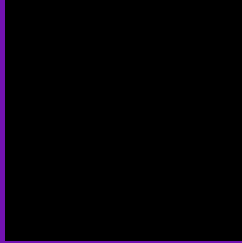
Any Text WCAG AA × Fail

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 7312B2 Background



This preview shows how black text looks on a background with the Hex color 7312B2.

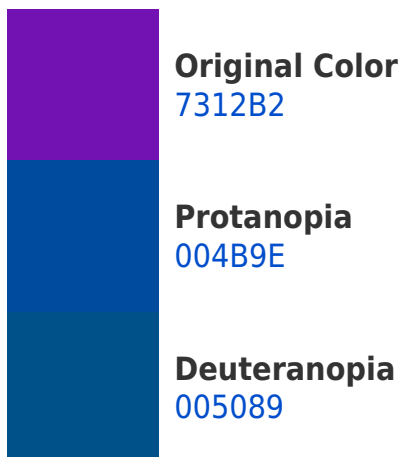



This preview shows how white text looks on a background with the Hex color 7312B2.

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
60474C

Trichromacy



Original Color

7312B2



Protanomaly

2A36A5



Deuteranomaly

2A3998



Tritanomaly

673471

Monochromacy



Original Color

7312B2



Achromatopsia

414141



Achromatomaly

53306A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7312B2 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 #7312B2 looks like.

```
.text, #text, p{  
    color:#7312B2  
}
```

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 #7312B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7312B2
}
```

Border

The CSS property to change the border of an element to Hex 7312B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

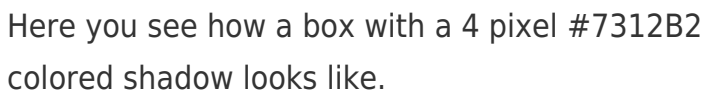
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7312B2 }
```

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

```
.border{ border-color:#7312B2 }
```

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



Here you see how a box with a 4 pixel #7312B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7312B2; -webkit-box-shadow:4px 4px  
4px 4px #7312B2; box-shadow:4px 4px 4px  
4px #7312B2 }
```

Background

The CSS property to change the background color of an element to Hex 7312B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7312B2 }
```

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

```
.background{ background-color:#7312B2 }
```

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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