

Converting Colors

Hex(7251DA)

Have a look what the booklet for
Hex(7251DA) contains.

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Color

Hex(7251DA)

Conversions

Conversions Part 1

Format	Color
Hex	7251DA
RGB	114, 81, 218
RGB Percent	45%, 32%, 85%
CMY	0.5529, 0.6824, 0.1451
CMYK	0.48, 0.63, 0.00, 0.15
HSL	254°, 65%, 59%
HSV	254°, 63%, 85%
XYZ	22.5367, 14.5242, 67.9453
YIQ	106.4850, -24.3090, 49.6030

Conversions

Conversions Part 2

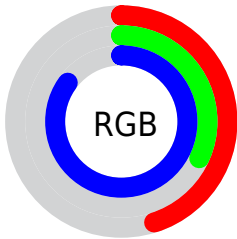
Format	Color
R_{YB}	114, 81, 218
Decimal	7492058
CIE _{Lab}	44.98, 46.65, -65.78
CIE _{LCh}	45, 80.639, 305.342
Yxy	14.5242, 0.2146, 0.1383
Android (android.graphics.Color)	4285682138 (0xFF7251DA)
YUV	106.4850, 54.9769, 6.5907
Hunter-Lab	38.1107, 38.8624, -79.0273

Details

The Hex color **7251DA** 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 **B9DA51**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AD84FF**, and **3421A2** is the 20% darker color. If you saturate the color by 10%, you get **613BDA**, and if you desaturate by 10%, it is **8367DA**.

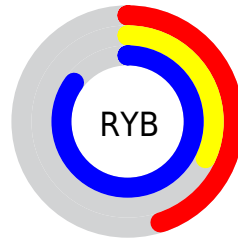
Distribution



Red (45%)

Green (32%)

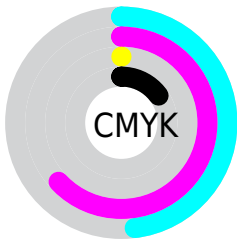
Blue (85%)



Red (45%)

Yellow (32%)

Blue (85%)

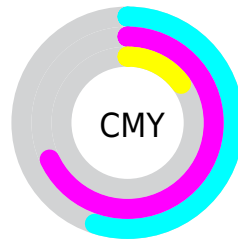


Cyan (48%)

Magenta (63%)

Yellow (0%)

Black (15%)



Cyan (55%)

Magenta (68%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7251DA 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 7251DA by changing the saturation by 10% instead.

7251DA

7251DA

FFFFFF

5439BE

AD84FF

3421A2

CA9FFF

000787

E8BAFF

00006D

FFD6FF

000054

FFF3FF

00063B

000225

00010D

000000

 7251DA

 7251DA

 613BDA

 8367DA

 5125DA

 937DDA

 4010DA

 A492DA

 3500DA

 B4A8DA

 C5BEDA

 D5D4DA

 E6EADA

 F6FFDA

 FFFFDA

Harmonies

Analogous

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



0070F3



7251DA



C116A4

Triad

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



7251DA



AD5000



008575

Complementary

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



7251DA



B9DA51

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.



00822D



7251DA



786C00

Square

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



7251DA



D11D20



287B00



0085B8

Rectangle

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



7251DA



D70078



287B00



00855E

Sweetspot

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



7251DA



DACFFF



51BADA



696280



000000



808080

Same Dimension

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



7251DA



6E40FF



B551DA



65636E



2A00AD



0B002E

Inverse Universe

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



DA51B9



FF40D1



76DA51



6E636B



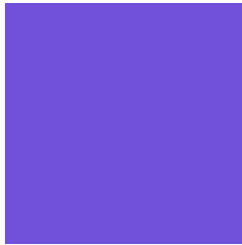
AD0084



2E0023

Previews

White Background



This preview shows how the Hex color 7251DA looks on a white background.

Color Contrast Check

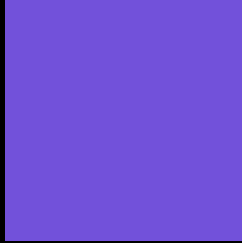
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7251DA looks on a 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 7251DA Background



This preview shows how black text looks on a background with the Hex color 7251DA.

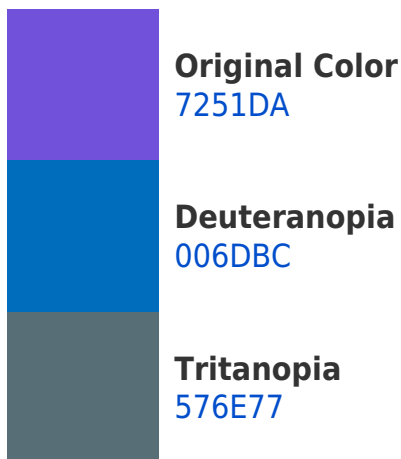


This preview shows how white text looks on a background with the Hex color 7251DA.

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
7251DA

Deuteranomaly
2963C7

Tritanomaly
61639B

Monochromacy



Original Color
7251DA

Achromatopsia
6A6A6A

Achromatomaly
6D6193

CSS Examples

Text

The CSS property to change the color of the text to Hex 7251DA 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 #7251DA looks like.

```
.text, #text, p{  
    color:#7251DA  
}
```

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 #7251DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7251DA
}
```

Border

The CSS property to change the border of an element to Hex 7251DA 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
#7251DA }
```

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

```
.border{ border-color:#7251DA }
```

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

Here you see how a box with a 4 pixel #7251DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7251DA; -webkit-box-shadow:4px 4px  
4px 4px #7251DA; box-shadow:4px 4px 4px  
4px #7251DA }
```

Background

The CSS property to change the background color of an element to Hex 7251DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7251DA }
```

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

```
.background{ background-color:#7251DA }
```

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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