

Converting Colors

Hex(7226D3)

Have a look what the booklet for
Hex(7226D3) contains.

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Color

Hex(7226D3)

Conversions

Conversions Part 1

Format	Color
Hex	7226D3
RGB	114, 38, 211
RGB Percent	45%, 15%, 83%
CMY	0.5529, 0.8510, 0.1725
CMYK	0.46, 0.82, 0.00, 0.17
HSL	266°, 69%, 49%
HSV	266°, 82%, 83%
XYZ	19.3904, 9.6668, 62.4719
YIQ	80.4460, -10.2370, 69.9150

Conversions

Conversions Part 2

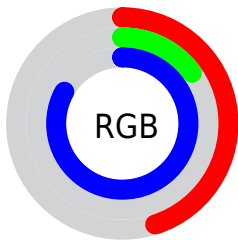
Format	Color
R_{YB}	114, 38, 211
Decimal	7481043
CIE Lab	37.24, 64.87, -74.40
CIE LCh	37, 98.710, 311.085
Yxy	9.6668, 0.2118, 0.1056
Android (android.graphics.Color)	4285671123 (0xFF7226D3)
YUV	80.4460, 64.3631, 29.4269
Hunter-Lab	31.0914, 56.9128, -97.3671

Details

The Hex color **7226D3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **87D326**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AE5EFF**, and **31009B** is the 20% darker color. If you saturate the color by 10%, you get **6611D3**, and if you desaturate by 10%, it is **7E3BD3**.

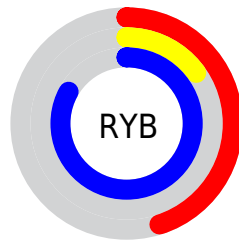
Distribution



Red (45%)

Green (15%)

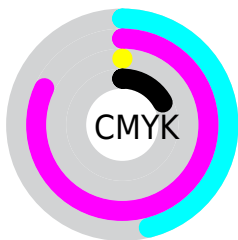
Blue (83%)



Red (45%)

Yellow (15%)

Blue (83%)

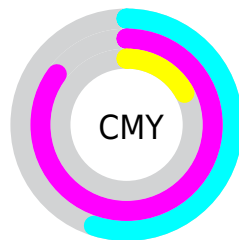


Cyan (46%)

Magenta (82%)

Yellow (0%)

Black (17%)



Cyan (55%)

Magenta (85%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7226D3 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 7226D3 by changing the saturation by 10% instead.

 7226D3

 7226D3

FFFFFF

 5300B7

 AE5EFF

 31009B

 CC79FF

 000080

 EA95FF

 000066

 FFB0FF

 00024D

 FFCDFD

 000535

 FFEAFF

 00021F

 000002

 000000

■ 7226D3

■ 7226D3

■ 6611D3

■ 7E3BD3

■ 5D00D3

■ 8A50D3

■ 9565D3

■ A17AD3

■ AD90D3

■ B9A5D3

■ C5BAD3

■ D1CFD3

■ DCE4D3

Harmonies

Analogous

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



005CFA



7226D3



C4008D

Triad

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



7226D3



933F00



007375

Complementary

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



7226D3



87D326

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.



00711D



7226D3



505E00

Square

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



7226D3



C30000



006B00



0074C1

Rectangle

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



7226D3



D60059



006B00



007259

Sweetspot

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



7226D3



DBBFFF



2688D3



6A5980



000000



808080

Same Dimension

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



7226D3



7305FF



C726D3



635E69



4A00A8



120029

Inverse Universe

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



D32687



FF0591



32D326



695E64



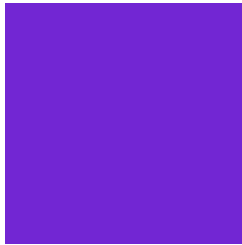
A8005E



290017

Previews

White Background



This preview shows how the Hex color 7226D3 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

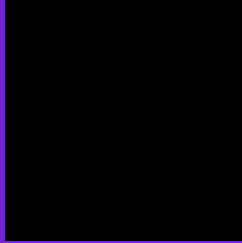
Any Text WCAG AA × Fail

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 7226D3 Background



This preview shows how black text looks on a background with the Hex color 7226D3.

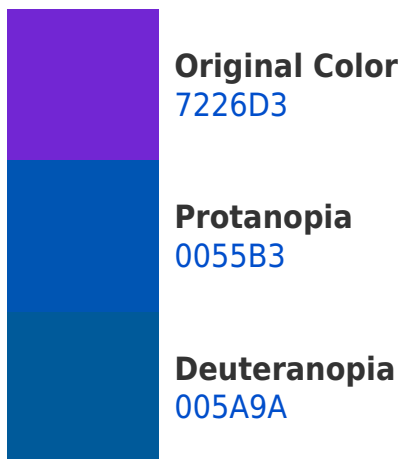


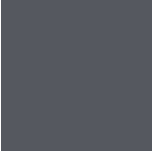
This preview shows how white text looks on a background with the Hex color 7226D3.

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
55585F

Trichromacy



Original Color
7226D3



Protanomaly
2944BF



Deuteranomaly
2947AF



Tritanomaly
604689

Monochromacy



Original Color
7226D3



Achromatopsia
505050



Achromatomaly
5C4180

CSS Examples

Text

The CSS property to change the color of the text to Hex 7226D3 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 #7226D3 looks like.

```
.text, #text, p{  
    color:#7226D3  
}
```

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 #7226D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7226D3
}
```

Border

The CSS property to change the border of an element to Hex 7226D3 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
#7226D3 }
```

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

```
.border{ border-color:#7226D3 }
```

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

Here you see how a box with a 4 pixel #7226D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7226D3; -webkit-box-shadow:4px 4px  
4px 4px #7226D3; box-shadow:4px 4px 4px  
4px #7226D3 }
```

Background

The CSS property to change the background color of an element to Hex 7226D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7226D3 }
```

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

```
.background{ background-color:#7226D3 }
```

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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