

Converting Colors

Hex(6F2D87)

Have a look what the booklet for
Hex(6F2D87) contains.

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Color

Hex(6F2D87)

Conversions

Conversions Part 1

Format	Color
Hex	6F2D87
RGB	111, 45, 135
RGB Percent	44%, 18%, 53%
CMY	0.5647, 0.8235, 0.4706
CMYK	0.18, 0.67, 0.00, 0.47
HSL	284°, 50%, 35%
HSV	284°, 67%, 53%
XYZ	11.8671, 7.0055, 23.6484
YIQ	74.9940, 10.4460, 41.9820

Conversions

Conversions Part 2

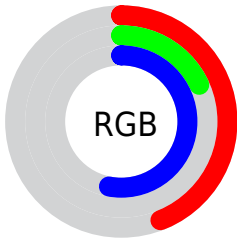
Format	Color
R_{YB}	111, 45, 135
Decimal	7286151
CIE _{Lab}	31.82, 43.78, -37.77
CIE _{LCh}	32, 57.826, 319.216
Yxy	7.0055, 0.2791, 0.1648
Android (android.graphics.Color)	4285476231 (0xFF6F2D87)
YUV	74.9940, 29.5830, 31.5773
Hunter-Lab	26.4680, 33.7127, -34.4463

Details

The Hex color **6F2D87** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **45872D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A560BD**, and **3B0054** is the 20% darker color. If you saturate the color by 10%, you get **6B2087**, and if you desaturate by 10%, it is **733B87**.

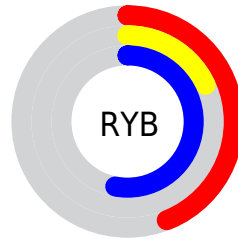
Distribution



Red (44%)

Green (18%)

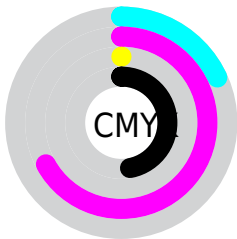
Blue (53%)



Red (44%)

Yellow (18%)

Blue (53%)

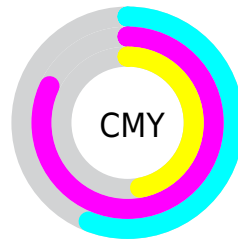


Cyan (18%)

Magenta (67%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (82%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F2D87 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 6F2D87 by changing the saturation by 10% instead.

6F2D87

6F2D87

FFFFFF

55126D

A560BD

3B0054

C17AD9

25003D

DE94F6

000026

FBB0FF

00010F

FFCCFF

000000

FFE8FF

6F2D87

6F2D87

6B2087

733B87

681287

764887

640587

7A5687

630087

7D6387

817187

857E87

888C87

8C9987

8FA787

Harmonies

Analogous

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



0046A2



6F2D87



91075D

Triad

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



6F2D87



6A4300



005E68

Complementary

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



6F2D87



45872D

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.



005D38



6F2D87



415100

Square

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



6F2D87



882C00



005901



005C90

Rectangle

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



6F2D87



98003F



005901



005E58

Sweetspot

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



6F2D87



A78DB0



2D4587



544459



D9D9D9



595959

Same Dimension

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



6F2D87



8A23B0



872D72



413C42



5F0082



020003

Inverse Universe

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



872D45



B02349



2D8742



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 6F2D87 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

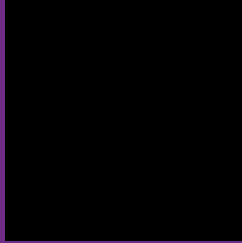
Any Text WCAG AA × Fail

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 6F2D87 Background



This preview shows how black text looks on a background with the Hex color 6F2D87.




This preview shows how white text looks on a background with the Hex color 6F2D87.

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
654146

Trichromacy



Original Color
6F2D87



Protanomaly
283F94



Deuteranomaly
3F4183



Tritanomaly
693A5E

Monochromacy



Original Color
6F2D87



Achromatopsia
4B4B4B



Achromatomaly
584061

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F2D87 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 #6F2D87 looks like.

```
.text, #text, p{  
    color:#6F2D87  
}
```

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 #6F2D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2D87
}
```

Border

The CSS property to change the border of an element to Hex 6F2D87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

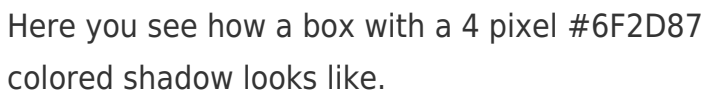
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F2D87 }
```

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

```
.border{ border-color:#6F2D87 }
```

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



Here you see how a box with a 4 pixel #6F2D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2D87; -webkit-box-shadow:4px 4px  
4px 4px #6F2D87; box-shadow:4px 4px 4px  
4px #6F2D87 }
```

Background

The CSS property to change the background color of an element to Hex 6F2D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2D87 }
```

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

```
.background{ background-color:#6F2D87 }
```

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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