

Converting Colors

Hex(6D2491)

Have a look what the booklet for
Hex(6D2491) contains.

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Color

Hex(6D2491)

Conversions

Conversions Part 1

Format	Color
Hex	6D2491
RGB	109, 36, 145
RGB Percent	43%, 14%, 57%
CMY	0.5725, 0.8588, 0.4314
CMYK	0.25, 0.75, 0.00, 0.43
HSL	280°, 60%, 35%
HSV	280°, 75%, 57%
XYZ	12.0484, 6.5573, 27.4187
YIQ	70.2530, 8.5190, 49.3750

Conversions

Conversions Part 2

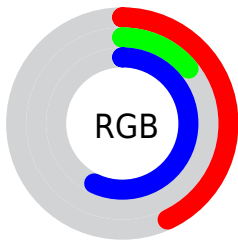
Format	Color
R_{YB}	109, 36, 145
Decimal	7152785
CIE _{Lab}	30.78, 49.54, -45.65
CIE _{LCh}	31, 67.367, 317.345
Yxy	6.5573, 0.2618, 0.1425
Android (android.graphics.Color)	4285342865 (0xFF6D2491)
YUV	70.2530, 36.8503, 33.9811
Hunter-Lab	25.6072, 39.1729, -45.5592

Details

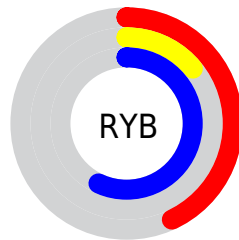
The Hex color **6D2491** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **489124**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A458C8**, and **38005E** is the 20% darker color. If you saturate the color by 10%, you get **681691**, and if you desaturate by 10%, it is **723391**.

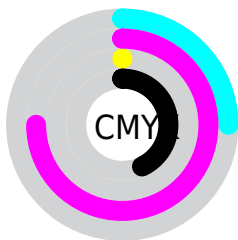
Distribution



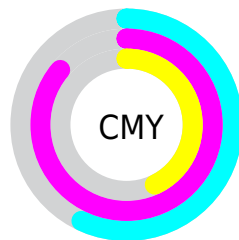
- Red (43%)
- Green (14%)
- Blue (57%)



- Red (43%)
- Yellow (14%)
- Blue (57%)



- Cyan (25%)
- Magenta (75%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (86%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2491 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 6D2491 by changing the saturation by 10% instead.



6D2491



6D2491

FFFFFF



520277



A458C8



38005E



C073E4



210045



DD8DFF



00002E



FBA9FF



000118



FFC5FF



000000



FFE1FF



FFFEFF



6D2491



6D2491

■ 681691

■ 723391

■ 630791

■ 774191

■ 610091

■ 7B5091

■ 805E91

■ 856D91

■ 8A7B91

■ 8F8A91

■ 939891

■ 98A691

Harmonies

Analogous

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



0045AF



6D2491



970061

Triad

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



6D2491



6C3E00



005D67

Complementary

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



6D2491



489124

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.



005C2F



6D2491



3D4F00

Square

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



6D2491



8E1C00



005800



005C96

Rectangle

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



6D2491



A0003E



005800



005D55

Sweetspot

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



6D2491



AE91BD



244891



56445E



DEDEDE



5E5E5E

Same Dimension

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



6D2491



8513BD



91247F



454047



5B0087



050008

Inverse Universe

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



912448



BD134B



249136



474043



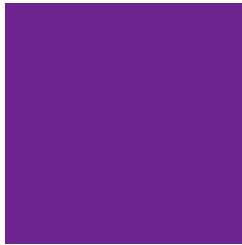
87002D



080003

Previews

White Background



This preview shows how the Hex color 6D2491 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

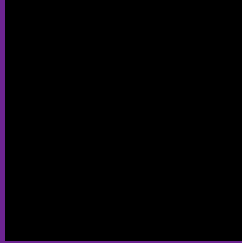
Any Text WCAG AA × Fail

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 6D2491 Background



This preview shows how black text looks on a background with the Hex color 6D2491.



This preview shows how white text looks on a background with the Hex color 6D2491.

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



Original Color
6D2491

Protanopia
004796

Deuteranopia
004B83



Tritanopia
614045

Trichromacy



Original Color
6D2491



Protanomaly
283A94



Deuteranomaly
283D88



Tritanomaly
653661

Monochromacy



Original Color
6D2491



Achromatopsia
464646



Achromatomaly
543A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2491 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 #6D2491 looks like.

```
.text, #text, p{  
    color:#6D2491  
}
```

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 #6D2491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2491
}
```

Border

The CSS property to change the border of an element to Hex 6D2491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

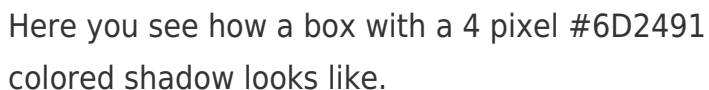
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2491 }
```

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

```
.border{ border-color:#6D2491 }
```

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



Here you see how a box with a 4 pixel #6D2491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2491; -webkit-box-shadow:4px 4px  
4px 4px #6D2491; box-shadow:4px 4px 4px  
4px #6D2491 }
```

Background

The CSS property to change the background color of an element to Hex 6D2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2491 }
```

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

```
.background{ background-color:#6D2491 }
```

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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