

Converting Colors

Hex(6D255B)

Have a look what the booklet for
Hex(6D255B) contains.

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Color

Hex(6D255B)

Conversions

Conversions Part 1

Format	Color
Hex	6D255B
RGB	109, 37, 91
RGB Percent	43%, 15%, 36%
CMY	0.5725, 0.8549, 0.6431
CMYK	0.00, 0.66, 0.17, 0.57
HSL	315°, 49%, 29%
HSV	315°, 66%, 43%
XYZ	8.8566, 5.3297, 10.4595
YIQ	64.6840, 25.5780, 32.0580

Conversions

Conversions Part 2

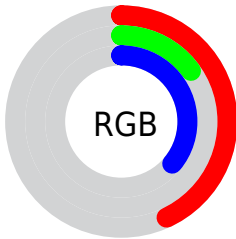
Format	Color
R_{YB}	109, 37, 91
Decimal	7152987
CIE _{Lab}	27.65, 38.52, -16.33
CIE _{LCh}	28, 41.835, 337.022
Yxy	5.3297, 0.3594, 0.2163
Android (android.graphics.Color)	4285343067 (0xFF6D255B)
YUV	64.6840, 12.9738, 38.8651
Hunter-Lab	23.0861, 28.0777, -10.7019

Details

The Hex color **6D255B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **256D37**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A3578D**, and **3A002D** is the 20% darker color. If you saturate the color by 10%, you get **6D1A58**, and if you desaturate by 10%, it is **6D305E**.

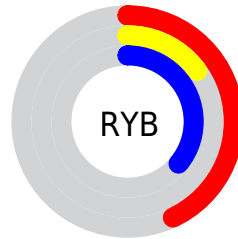
Distribution



Red (43%)

Green (15%)

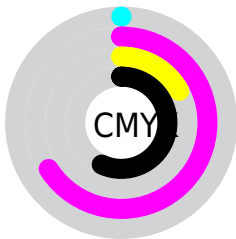
Blue (36%)



Red (43%)

Yellow (15%)

Blue (36%)

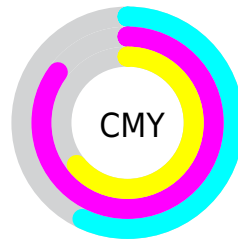


Cyan (0%)

Magenta (66%)

Yellow (17%)

Black (57%)



Cyan (57%)

Magenta (85%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D255B 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 6D255B by changing the saturation by 10% instead.

 6D255B

 6D255B

FFFFFF

 530843

 A3578D

 3A002D

 BF71A8

 250019

 DB8BC3

 000000

 F8A6DF

 FFC2FC

 FFDEFF

 FFFBFF

 6D255B

 6D255B

6D1A58

6D305E

6D0F56

6D3B60

6D0453

6D4663

6D0052

6D5166

6D5B69

6D666B

6D716E

6D7C71

6D8774

Harmonies

Analogous

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



4B3575



6D255B



7A1E3B

Triad

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



6D255B



494200



004F67

Complementary

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



6D255B



256D37

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.



005048



6D255B



264A05

Square

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



6D255B



633600



004E27



004B7C

Rectangle

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



6D255B



782326



004E27



00505E

Sweetspot

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



6D255B



8F7288



37256D



473643



C7C7C7



474747

Same Dimension

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



6D255B



8F1E73



6D2537



363034



750058



F500B8

Inverse Universe

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



6D255B



8F1E73



256D5B



363034



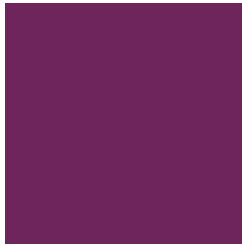
750058



F500B8

Previews

White Background



This preview shows how the Hex color 6D255B 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

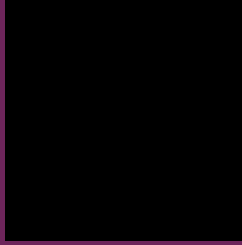
Any Text WCAG AA × Fail

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 6D255B Background



This preview shows how black text looks on a background with the Hex color 6D255B.




This preview shows how white text looks on a background with the Hex color 6D255B.

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
693033

Trichromacy



Original Color
6D255B

Protanomaly
44376A

Deuteranomaly
4F3758

Tritanomaly
6A2C42

Monochromacy



Original Color
6D255B

Achromatopsia
414141

Achromatomaly
51374A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D255B 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 #6D255B looks like.

```
.text, #text, p{  
    color:#6D255B  
}
```

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 #6D255B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D255B
}
```

Border

The CSS property to change the border of an element to Hex 6D255B is called "border". The border property can be set on classes, ids or directly on the HTML element.

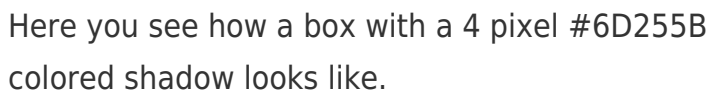
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D255B }
```

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

```
.border{ border-color:#6D255B }
```

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



Here you see how a box with a 4 pixel #6D255B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D255B; -webkit-box-shadow:4px 4px  
4px 4px #6D255B; box-shadow:4px 4px 4px  
4px #6D255B }
```

Background

The CSS property to change the background color of an element to Hex 6D255B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D255B }
```

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

```
.background{ background-color:#6D255B }
```

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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