

Converting Colors

Hex(6D2455)

Have a look what the booklet for
Hex(6D2455) contains.

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Color

Hex(6D2455)

Conversions

Conversions Part 1

Format	Color
Hex	6D2455
RGB	109, 36, 85
RGB Percent	43%, 14%, 33%
CMY	0.5725, 0.8588, 0.6667
CMYK	0.00, 0.67, 0.22, 0.57
HSL	320°, 50%, 28%
HSV	320°, 67%, 43%
XYZ	8.5772, 5.1688, 9.1399
YIQ	63.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

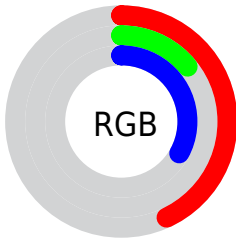
Format	Color
R_{YB}	109, 36, 85
Decimal	7152725
CIE _{Lab}	27.21, 38.02, -13.07
CIE _{LCh}	27, 40.203, 341.029
Yxy	5.1688, 0.3748, 0.2259
Android (android.graphics.Color)	4285342805 (0xFF6D2455)
YUV	63.4130, 10.6424, 39.9798
Hunter-Lab	22.7351, 27.5561, -7.9212

Details

The Hex color **6D2455** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **246D3C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A35687**, and **3A0028** is the 20% darker color. If you saturate the color by 10%, you get **6D1951**, and if you desaturate by 10%, it is **6D2F59**.

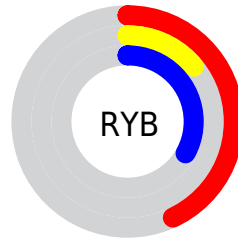
Distribution



Red (43%)

Green (14%)

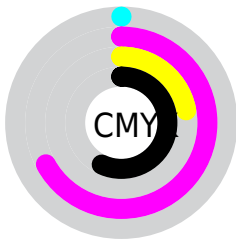
Blue (33%)



Red (43%)

Yellow (14%)

Blue (33%)

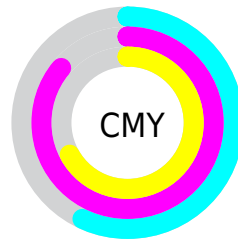


Cyan (0%)

Magenta (67%)

Yellow (22%)

Black (57%)



Cyan (57%)

Magenta (86%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2455 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 6D2455 by changing the saturation by 10% instead.

 6D2455

 6D2455

FFFFFF

 53073E

 A35687

 3A0028

 BF70A1

 240013

 DB8ABC

 000000

 F8A5D8

 FFC1F4

 FFDDEF

 FFFAFF

 6D2455

 6D2455

■ 6D1951

■ 6D2F59

■ 6D0E4E

■ 6D3A5C

■ 6D034A

■ 6D4560

■ 6D0049

■ 6D5063

■ 6D5B67

■ 6D656B

■ 6D706E

■ 6D7B72

■ 6D8675

Harmonies

Analogous

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



50336F



6D2455



771F36

Triad

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



6D2455



444200



004D68

Complementary

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



6D2455



246D3C

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.



004E4B



6D2455



21490C

Square

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



6D2455



5E3800



004D2B



00497B

Rectangle

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



6D2455



742522



004D2B



004E5F

Sweetspot

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



6D2455



8F7285



3B246D



473642



C7C7C7



474747

Same Dimension

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



6D2455



8F1D69



6D2431



363034



75004F



F500A4

Inverse Universe

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



6D2455



8F1D69



246D60



363034



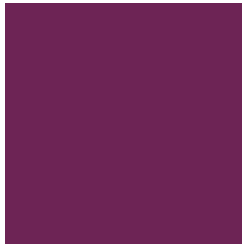
75004F



F500A4

Previews

White Background



This preview shows how the Hex color 6D2455 looks on a white background.

Color Contrast Check

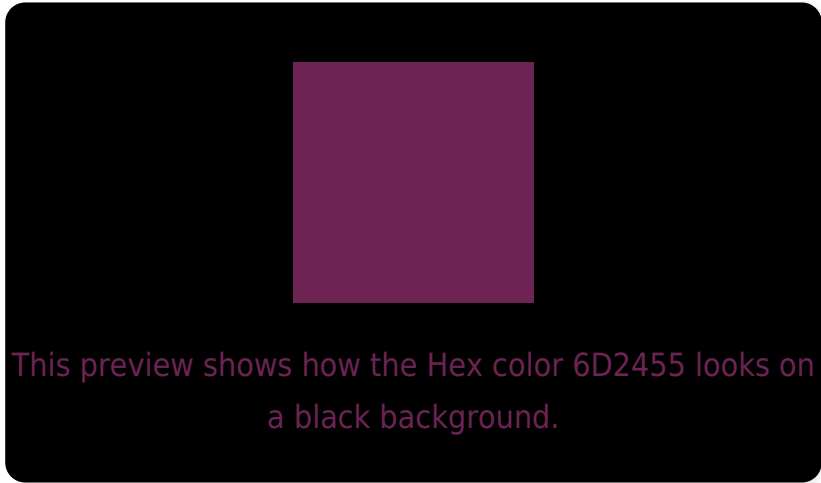
Large Text (above 18pt) WCAG AA ✓ Pass

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

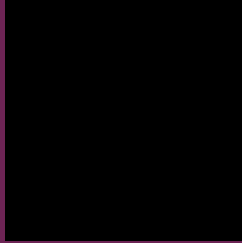
Any Text WCAG AA × Fail

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 6D2455 Background



This preview shows how black text looks on a background with the Hex color 6D2455.

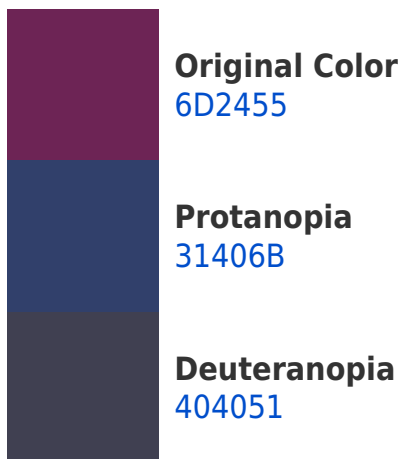


This preview shows how white text looks on a background with the Hex color 6D2455.

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
6A2E31

Trichromacy



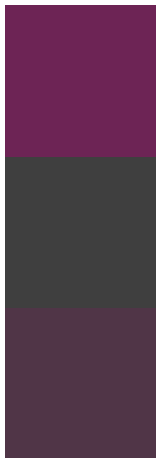
Original Color
6D2455

Protanomaly
473663

Deuteranomaly
503652

Tritanomaly
6B2A3E

Monochromacy



Original Color
6D2455

Achromatopsia
3F3F3F

Achromatomaly
503547

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2455 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 #6D2455 looks like.

```
.text, #text, p{  
    color:#6D2455  
}
```

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 #6D2455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2455  
}
```

Border

The CSS property to change the border of an element to Hex 6D2455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

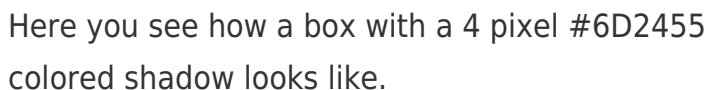
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6D2455 }
```

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

```
.border{ border-color:#6D2455 }
```

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



Here you see how a box with a 4 pixel #6D2455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2455; -webkit-box-shadow:4px 4px  
4px 4px #6D2455; box-shadow:4px 4px 4px  
4px #6D2455 }
```

Background

The CSS property to change the background color of an element to Hex 6D2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2455 }
```

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

```
.background{ background-color:#6D2455 }
```

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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