

Converting Colors

Hex(6D3857)

Have a look what the booklet for
Hex(6D3857) contains.

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Color

Hex(6D3857)

Conversions

Conversions Part 1

Format	Color
Hex	6D3857
RGB	109, 56, 87
RGB Percent	43%, 22%, 34%
CMY	0.5725, 0.7804, 0.6588
CMYK	0.00, 0.49, 0.20, 0.57
HSL	325°, 32%, 32%
HSV	325°, 49%, 43%
XYZ	9.4411, 6.7677, 9.8255
YIQ	75.3810, 21.6370, 20.8770

Conversions

Conversions Part 2

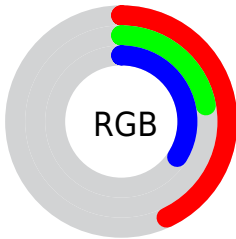
Format	Color
R_{YB}	109, 56, 87
Decimal	7157847
CIE Lab	31.27, 27.80, -8.20
CIE LCh	31, 28.987, 343.560
Yxy	6.7677, 0.3626, 0.2600
Android (android.graphics.Color)	4285347927 (0xFF6D3857)
YUV	75.3810, 5.7282, 29.4839
Hunter-Lab	26.0148, 19.2545, -4.1829




Details

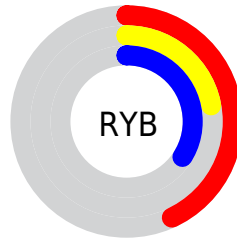
The Hex color **6D3857** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **386D4E**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **A26989**, and **3B092A** is the 20% darker color. If you saturate the color by 10%, you get **6D2D52**, and if you desaturate by 10%, it is **6D435C**.

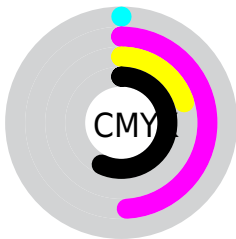
Distribution







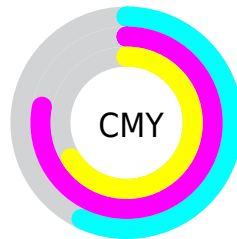
-  Red (43%)
-  Green (22%)
-  Blue (34%)






-  Red (43%)
-  Yellow (22%)
-  Blue (34%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (20%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (78%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3857 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 6D3857 by changing the saturation by 10% instead.



6D3857



6D3857

FFFFFF



542140



A26989



3B092A



BD82A3



270016



DA9DBE



000000



F7B8DA



FFD4F6



FFF0FF



6D3857



6D3857



6D2D52



6D435C

6D224E

6D4E60

6D1749

6D5965

6D0C45

6D6469

6D0240

6D6F6E

6D0040

6D7972

6D8477

6D8F7B

6D9A80

Harmonies

Analogous

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



59406B



6D3857



743640

Triad

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



6D3857



4D4C1B



005468

Complementary

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



6D3857



386D4E

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.



005553



6D3857



345127

Square

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



6D3857



61441D



0B543C



005075

Rectangle

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



6D3857



723932



0B543C



005462

Sweetspot

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



6D3857



8F7986



4D386D



473B42



C7C7C7



474747

Same Dimension

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



6D3857



8F3C6C



6D383D



363033



750045



F5008F

Inverse Universe

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



6D3857



8F3C6C



386D68



363033



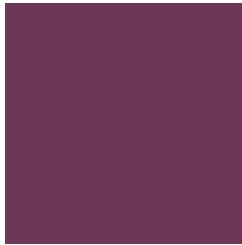
750045



F5008F

Previews

White Background



This preview shows how the Hex color 6D3857 looks on a white background.

Color Contrast Check

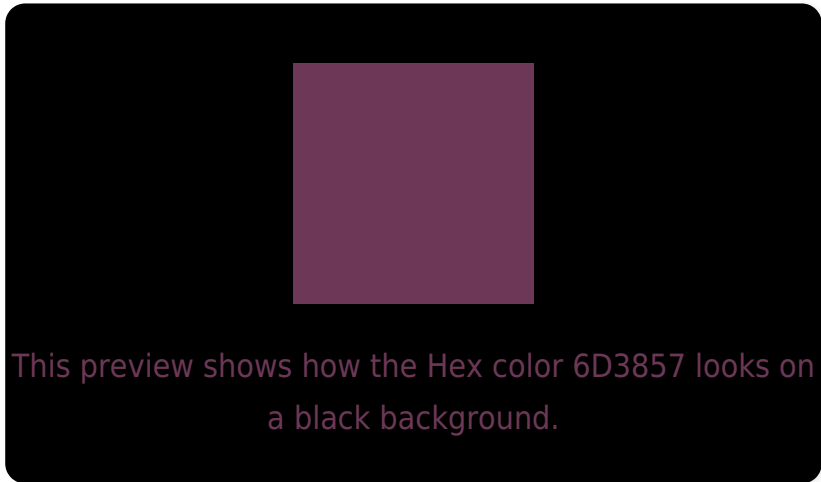
Large Text (above 18pt) WCAG AA ✓ Pass

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

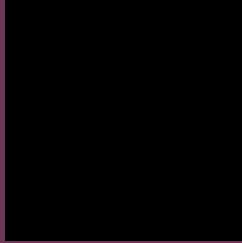
Any Text WCAG AA × Fail

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 6D3857 Background



This preview shows how black text looks on a background with the Hex color 6D3857.



This preview shows how white text looks on a background with the Hex color 6D3857.

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
6D3857

Protanopia
434963

Deuteranopia
4D4854



Tritanopia
6B3D41

Trichromacy



Original Color
6D3857

Protanomaly
52435F

Deuteranomaly
594255

Tritanomaly
6C3B49

Monochromacy



Original Color
6D3857

Achromatopsia
4B4B4B

Achromatomaly
57444F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3857 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 #6D3857 looks like.

```
.text, #text, p{  
    color:#6D3857  
}
```

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 #6D3857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3857
}
```

Border

The CSS property to change the border of an element to Hex 6D3857 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
#6D3857 }
```

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

```
.border{ border-color:#6D3857 }
```

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

Here you see how a box with a 4 pixel #6D3857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3857; -webkit-box-shadow:4px 4px  
4px 4px #6D3857; box-shadow:4px 4px 4px  
4px #6D3857 }
```

Background

The CSS property to change the background color of an element to Hex 6D3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3857 }
```

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

```
.background{ background-color:#6D3857 }
```

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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