

Converting Colors

Hex(6D6366)

Have a look what the booklet for
Hex(6D6366) contains.

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Color

Hex(6D6366)

Conversions

Conversions Part 1

Format	Color
Hex	6D6366
RGB	109, 99, 102
RGB Percent	43%, 39%, 40%
CMY	0.5725, 0.6118, 0.6000
CMYK	0.00, 0.09, 0.06, 0.57
HSL	342°, 5%, 41%
HSV	342°, 9%, 43%
XYZ	13.1668, 13.1342, 14.4116
YIQ	102.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

Format	Color
R_{YB}	109, 99, 102
Decimal	7168870
CIE Lab	42.96, 4.55, -0.26
CIE LCh	43, 4.561, 356.713
Yxy	13.1342, 0.3234, 0.3226
Android (android.graphics.Color)	4285358950 (0xFF6D6366)
YUV	102.3320, -0.1637, 5.8478
Hunter-Lab	36.2411, 1.4289, 1.7917

Details

The Hex color **6D6366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636D6A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A19699**, and **3D3537** is the 20% darker color. If you saturate the color by 10%, you get **6D585E**, and if you desaturate by 10%, it is **6D6E6E**.

Distribution



Red (43%)

Green (39%)

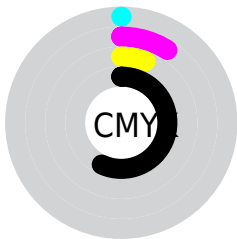
Blue (40%)



Red (43%)

Yellow (39%)

Blue (40%)

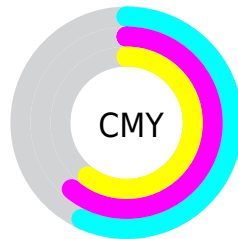


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6366 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 6D6366 by changing the saturation by 10% instead.

■ 6D6366

■ 6D6366

FFFFFF

■ 554B4E

■ A19699

■ 3D3537

■ BCB0B4

■ 281F22

■ D7CCCF

■ 14070C

■ F4E8EB

■ 000000

■ 6D6366

■ 6D6366

■ 6D585E

■ 6D6E6E

■ 6D4D57

■ 6D7975

■ 6D424F

■ 6D847D

6D3747

6D8F85

6D2D40

6D9A8C

6D2238

6DA494

6D1731

6DAF9B

6D0C29

6DBAA3

6D0121

6DC5AB

Harmonies

Analogous

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



6A646A



6D6366



6E6362

Triad

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



6D6366



65665F



5E676C

Complementary

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



6D6366



636D6A

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.



5C6869



6D6366



616761

Square

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



6D6366



69655E



5D6865



61666D

Rectangle

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



6D6366



6D6460



5D6865



5D676B

Sweetspot

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



6D6366



8F8B8C



6A636D



474545



C7C7C7



474747

Same Dimension

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



6D6366



8F7F84



6D6563



363032



750023



F50049

Inverse Universe

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



6D6366



8F7F84



636B6D



363032



750023



F50049

Previews

White Background



This preview shows how the Hex color 6D6366 looks on a white background.

Color Contrast Check

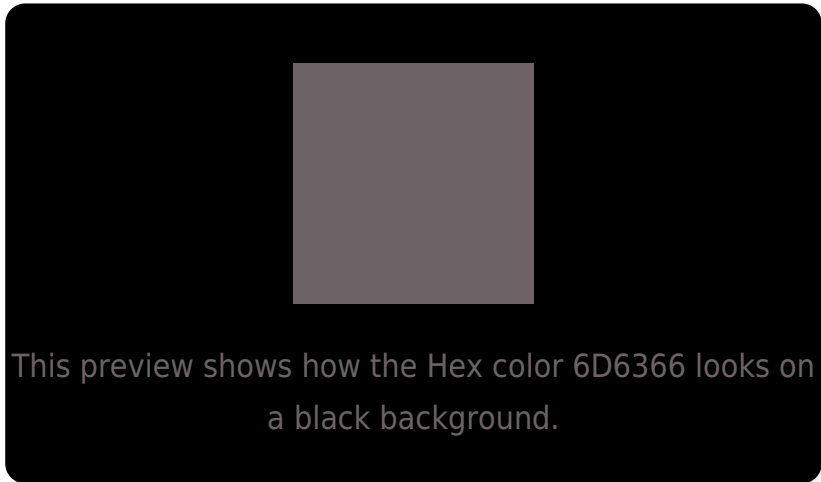
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

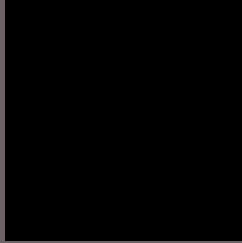
Any Text WCAG AA × Fail

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 6D6366 Background



This preview shows how black text looks on a background with the Hex color 6D6366.

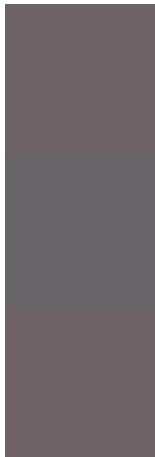


This preview shows how white text looks on a background with the Hex color 6D6366.

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](#).

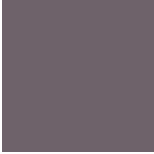
Dichromacy



Original Color
6D6366

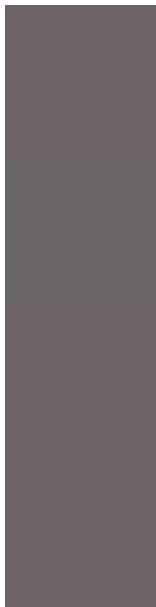
Protanopia
676567

Deuteranopia
6F6266



Tritanopia
6E626A

Trichromacy



Original Color

6D6366

Protanomaly

696467

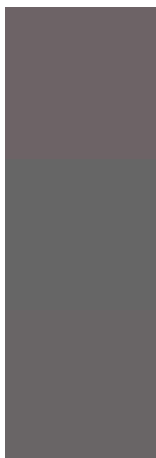
Deuteranomaly

6E6266

Tritanomaly

6E6269

Monochromacy



Original Color

6D6366

Achromatopsia

666666

Achromatomaly

696566

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6366 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 #6D6366 looks like.

```
.text, #text, p{  
    color:#6D6366  
}
```

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 #6D6366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6366
}
```

Border

The CSS property to change the border of an element to Hex 6D6366 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".

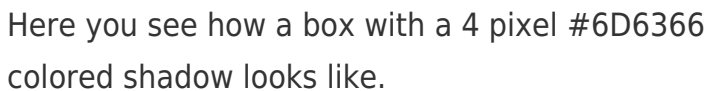
```
.border, #border, table{ border:4px solid
#6D6366 }
```

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

```
.border{ border-color:#6D6366 }
```

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

Here you see how a box with a 4 pixel #6D6366 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6366; -webkit-box-shadow:4px 4px  
4px 4px #6D6366; box-shadow:4px 4px 4px  
4px #6D6366 }
```

Background

The CSS property to change the background color of an element to Hex 6D6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6366 }
```

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

```
.background{ background-color:#6D6366 }
```

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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