

Converting Colors

Hex(6D8234)

Have a look what the booklet for
Hex(6D8234) contains.

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Color

Hex(6D8234)

Conversions

Conversions Part 1

Format	Color
Hex	6D8234
RGB	109, 130, 52
RGB Percent	43%, 51%, 20%
CMY	0.5725, 0.4902, 0.7961
CMYK	0.16, 0.00, 0.60, 0.49
HSL	76°, 43%, 36%
HSV	76°, 60%, 51%
XYZ	14.9091, 19.4644, 6.2200
YIQ	114.8290, 12.5220, -28.7100

Conversions

Conversions Part 2

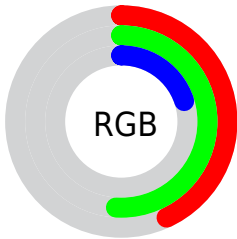
Format	Color
RYB	52, 130, 73
Decimal	7176756
CIELab	51.23, -20.11, 38.88
CIELCh	51, 43.775, 117.353
Yxy	19.4644, 0.3673, 0.4795
Android (android.graphics.Color)	4285366836 (0xFF6D8234)
YUV	114.8290, -30.9747, -5.1120
Hunter-Lab	44.1185, -16.8861, 22.5240

Details

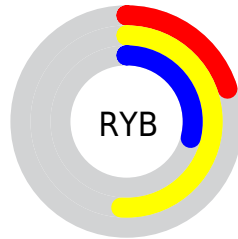
The Hex color **6D8234** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **493482**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A2B766**, and **3B5100** is the 20% darker color. If you saturate the color by 10%, you get **6A8227**, and if you desaturate by 10%, it is **718241**.

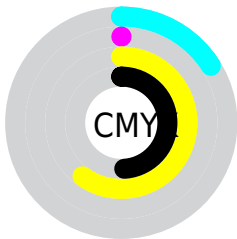
Distribution



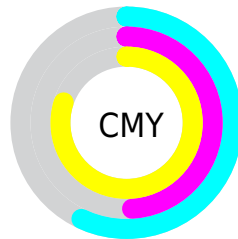
- Red (43%)
- Green (51%)
- Blue (20%)



- Red (20%)
- Yellow (51%)
- Blue (29%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8234 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 6D8234 by changing the saturation by 10% instead.

 6D8234

 6D8234

FFFFFF

 53691B

 A2B766

 3B5100

 BED37F

 243A00

 DAEF9A

 082400

 F7FFB5

 000800

 FFFFD1

 000000

 FFFFEE

 6D8234

 6D8234

 6A8227

 718241

■ 66821A

■ 74824E

■ 63820D

■ 78825B

■ 5F8200

■ 7B8268

■ 7E8275

■ 828282

■ 85828F

■ 89829C

■ 8C82A9

Harmonies

Analogous

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



92772C



6D8234



3D8950

Triad

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



6D8234



0088B8



BC5A7F

Complementary

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



6D8234



493482

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.



A563A3



6D8234



1C7FC5

Square

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



6D8234



008C9B



7672BD



BE5D5A

Rectangle

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



6D8234



008C68



7672BD



B75B8B

Sweetspot

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



6D8234



A0A88A



824934



4F5442



D4D4D4



545454

Same Dimension

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



6D8234



88A82F



468234



3E4039



5D8000



000000

Inverse Universe

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



493482



502FA8



703482



3B3940



220080



000000

Previews

White Background



This preview shows how the Hex color 6D8234 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D8234 Background



This preview shows how black text looks on a background with the Hex color 6D8234.



This preview shows how white text looks on a background with the Hex color 6D8234.

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
6D8234

Protanopia
887A32

Deuteranopia
977438



Tritanopia
767A84

Trichromacy



Original Color
6D8234

Protanomaly
7E7D33

Deuteranomaly
887937

Tritanomaly
737D67

Monochromacy



Original Color
6D8234

Achromatopsia
737373

Achromatomaly
71785C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8234 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 #6D8234 looks like.

```
.text, #text, p{  
    color:#6D8234  
}
```

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 #6D8234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8234
}
```

Border

The CSS property to change the border of an element to Hex 6D8234 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
#6D8234 }
```

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

```
.border{ border-color:#6D8234 }
```

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

Here you see how a box with a 4 pixel #6D8234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8234; -webkit-box-shadow:4px 4px  
4px 4px #6D8234; box-shadow:4px 4px 4px  
4px #6D8234 }
```

Background

The CSS property to change the background color of an element to Hex 6D8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8234 }
```

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

```
.background{ background-color:#6D8234 }
```

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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