

Converting Colors

Hex(6D204B)

Have a look what the booklet for
Hex(6D204B) contains.

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Color

Hex(6D204B)

Conversions

Conversions Part 1

Format	Color
Hex	6D204B
RGB	109, 32, 75
RGB Percent	43%, 13%, 29%
CMY	0.5725, 0.8745, 0.7059
CMYK	0.00, 0.71, 0.31, 0.57
HSL	326°, 55%, 28%
HSV	326°, 71%, 43%
XYZ	8.0932, 4.7922, 7.1550
YIQ	59.9250, 32.0890, 29.6970

Conversions

Conversions Part 2

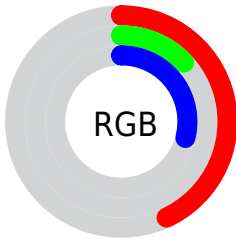
Format	Color
R_{YB}	109, 32, 75
Decimal	7151691
CIE Lab	26.13, 38.36, -8.06
CIE LCh	26, 39.194, 348.130
Yxy	4.7922, 0.4038, 0.2391
Android (android.graphics.Color)	4285341771 (0xFF6D204B)
YUV	59.9250, 7.4320, 43.0388
Hunter-Lab	21.8912, 27.6821, -4.0549

Details

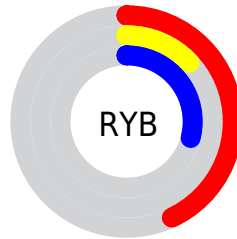
The Hex color **6D204B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **206D42**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A3537C**, and **3A001F** is the 20% darker color. If you saturate the color by 10%, you get **6D1546**, and if you desaturate by 10%, it is **6D2B50**.

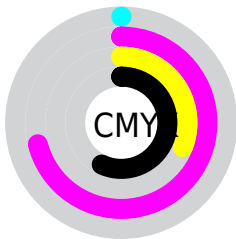
Distribution



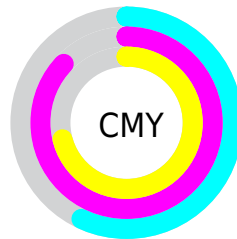
- Red (43%)
- Green (13%)
- Blue (29%)



- Red (43%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (31%)
- Black (57%)



- Cyan (57%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D204B 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 6D204B by changing the saturation by 10% instead.

 6D204B

 6D204B

FFFFFF

 530234

 A3537C

 3A001F

 BF6C96

 230004

 DC86B0

 000000

 F9A1CC

 FFBDE8

 FFD9FF

 FFF6FF

 6D204B

 6D204B

■ 6D1546

■ 6D2B50

■ 6D0A41

■ 6D3655

■ 6D003D

■ 6D4159

■ 6D4C5E

■ 6D5663

■ 6D6168

■ 6D6C6D

■ 6D7772

■ 6D8276

Harmonies

Analogous

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



552D66



6D204B



721F2D

Triad

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



6D204B



3B4200



004A6A

Complementary

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



6D204B



206D42

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.



004B50



6D204B



144812

Square

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



6D204B



563800



004B31



004578

Rectangle

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



6D204B



6E271A



004B31



004B62

Sweetspot

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



6D204B



8F7182



41206D



473640



C7C7C7



474747

Same Dimension

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



6D204B



8F1559



6D2025



363033



750042



F50089

Inverse Universe

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



6D204B



8F1559



206D68



363033



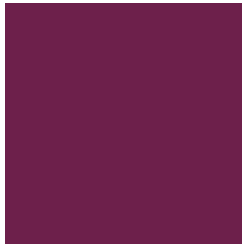
750042



F50089

Previews

White Background



This preview shows how the Hex color 6D204B looks on a white background.

Color Contrast Check

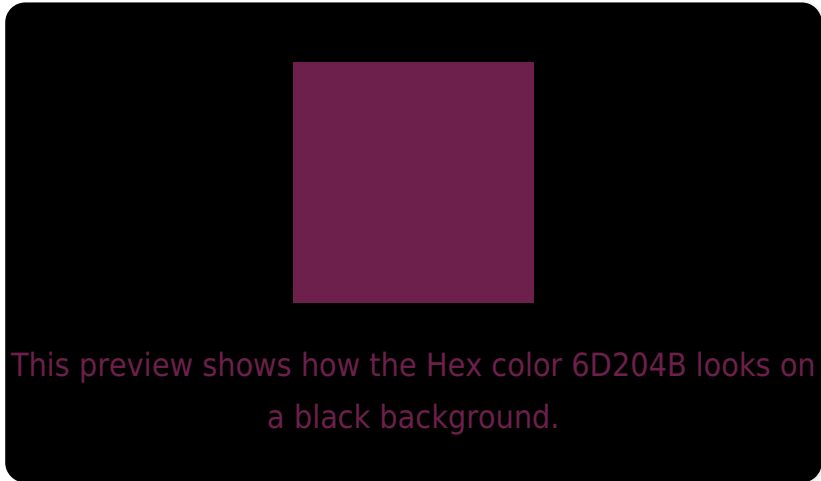
Large Text (above 18pt) WCAG AA ✓ Pass

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

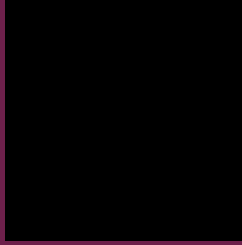
Any Text WCAG AA × Fail

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 6D204B Background



This preview shows how black text looks on a background with the Hex color 6D204B.



This preview shows how white text looks on a background with the Hex color 6D204B.

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
6D204B

Protanopia
333E60

Deuteranopia
423D47



Tritanopia
6B292B

Trichromacy



Original Color
6D204B

Protanomaly
483358

Deuteranomaly
523248

Tritanomaly
6C2637

Monochromacy



Original Color
6D204B

Achromatopsia
3C3C3C

Achromatomaly
4E3241

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D204B 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 #6D204B looks like.

```
.text, #text, p{  
    color:#6D204B  
}
```

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 #6D204B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D204B
}
```

Border

The CSS property to change the border of an element to Hex 6D204B is called "border". The border property can be set on classes, ids or directly on the HTML element.

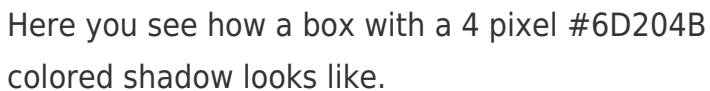
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D204B }
```

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

```
.border{ border-color:#6D204B }
```

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



Here you see how a box with a 4 pixel #6D204B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D204B; -webkit-box-shadow:4px 4px  
4px 4px #6D204B; box-shadow:4px 4px 4px  
4px #6D204B }
```

Background

The CSS property to change the background color of an element to Hex 6D204B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D204B }
```

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

```
.background{ background-color:#6D204B }
```

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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