

Converting Colors

Hex(6C1681)

Have a look what the booklet for
Hex(6C1681) contains.

Hex(6C1681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C1681)

Conversions

Conversions Part 1

Format	Color
Hex	6C1681
RGB	108, 22, 129
RGB Percent	42%, 9%, 51%
CMY	0.5765, 0.9137, 0.4941
CMYK	0.16, 0.83, 0.00, 0.49
HSL	288°, 71%, 30%
HSV	288°, 83%, 51%
XYZ	10.4337, 5.3469, 21.2510
YIQ	59.9120, 16.9090, 51.5090

Conversions

Conversions Part 2

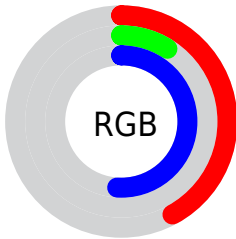
Format	Color
R_{YB}	108, 22, 129
Decimal	7083649
CIE _{Lab}	27.70, 51.04, -40.67
CIE _{LCh}	28, 65.259, 321.454
Yxy	5.3469, 0.2818, 0.1444
Android (android.graphics.Color)	4285273729 (0xFF6C1681)
YUV	59.9120, 34.0604, 42.1732
Hunter-Lab	23.1235, 40.0762, -38.3025

Details

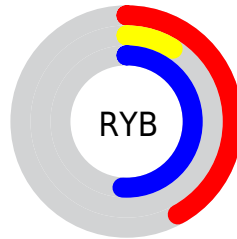
The Hex color **6C1681** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B8116**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A34EB7**, and **37004F** is the 20% darker color. If you saturate the color by 10%, you get **690981**, and if you desaturate by 10%, it is **6F2381**.

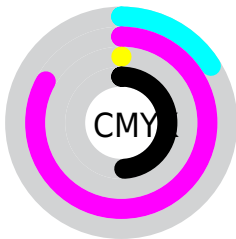
Distribution



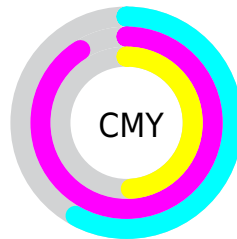
- Red (42%)
- Green (9%)
- Blue (51%)



- Red (42%)
- Yellow (9%)
- Blue (51%)



- Cyan (16%)
- Magenta (83%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C1681 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 6C1681 by changing the saturation by 10% instead.

6C1681

6C1681

FFFFFF

510067

A34EB7

37004F

BF68D2

210037

DC83EF

000221

F99EFF

000005

FFBAFF

000000

FFD6FF

FFF3FF

6C1681

6C1681

■ 690981

■ 6F2381

■ 680081

■ 713081

■ 743D81

■ 764A81

■ 795781

■ 7B6381

■ 7E7081

■ 807D81

■ 838A81

Harmonies

Analogous

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



003BA1



6C1681



8F0052

Triad

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



6C1681



5D3B00



005565

Complementary

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



6C1681



2B8116

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.



005431



6C1681



2E4900

Square

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



6C1681



7F1C00



005100



005490

Rectangle

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



6C1681



940031



005100



005554

Sweetspot

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



6C1681



A07EA8



162B81



4F3B54



D4D4D4



545454

Same Dimension

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



6C1681



8700A8



811661



3E3940



660080



000000

Inverse Universe

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



81162B



A80021



168136



40393B



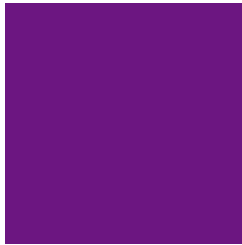
800019



000000

Previews

White Background



This preview shows how the Hex color 6C1681 looks on a white background.

Color Contrast Check

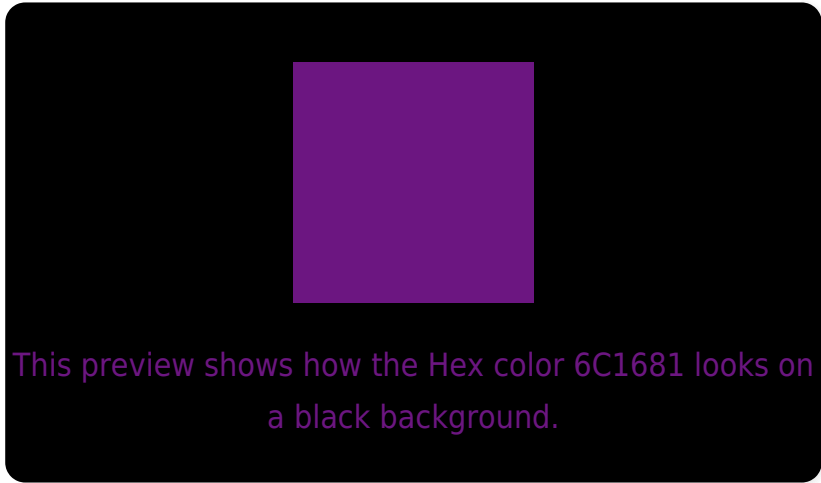
Large Text (above 18pt) WCAG AA ✓ Pass

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

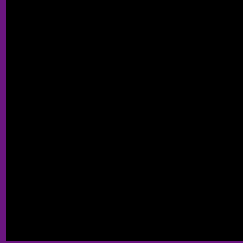
Any Text WCAG AA × Fail

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 6C1681 Background



This preview shows how black text looks on a background with the Hex color 6C1681.



This preview shows how white text looks on a background with the Hex color 6C1681.

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
6C1681

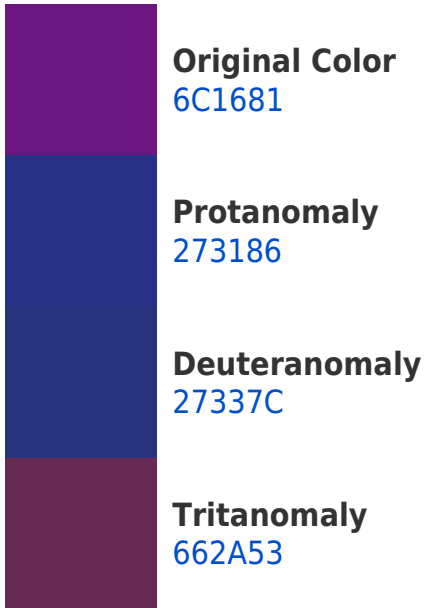
Protanopia
004189

Deuteranopia
004479



Tritanopia
623639

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C1681 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 #6C1681 looks like.

```
.text, #text, p{  
    color:#6C1681  
}
```

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 #6C1681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C1681
}
```

Border

The CSS property to change the border of an element to Hex 6C1681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

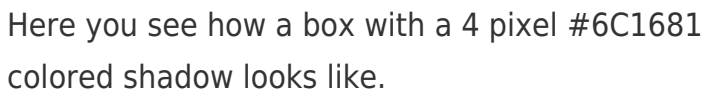
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C1681 }
```

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

```
.border{ border-color:#6C1681 }
```

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



Here you see how a box with a 4 pixel #6C1681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C1681; -webkit-box-shadow:4px 4px  
4px 4px #6C1681; box-shadow:4px 4px 4px  
4px #6C1681 }
```

Background

The CSS property to change the background color of an element to Hex 6C1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C1681 }
```

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

```
.background{ background-color:#6C1681 }
```

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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