

Converting Colors

Hex(6046A8)

Have a look what the booklet for
Hex(6046A8) contains.

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Color

Hex(6046A8)

Conversions

Conversions Part 1

Format	Color
Hex	6046A8
RGB	96, 70, 168
RGB Percent	38%, 27%, 66%
CMY	0.6235, 0.7255, 0.3412
CMYK	0.43, 0.58, 0.00, 0.34
HSL	256°, 41%, 47%
HSV	256°, 58%, 66%
XYZ	14.0819, 9.6943, 38.1748
YIQ	88.9460, -15.9620, 35.9900

Conversions

Conversions Part 2

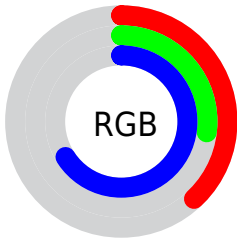
Format	Color
R_{YB}	96, 70, 168
Decimal	6309544
CIE _{Lab}	37.29, 34.88, -49.15
CIE _{LCh}	37, 60.271, 305.363
Yxy	9.6943, 0.2273, 0.1565
Android (android.graphics.Color)	4284499624 (0xFF6046A8)
YUV	88.9460, 38.9736, 6.1864
Hunter-Lab	31.1356, 26.2440, -50.8994

Details

The Hex color **6046A8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8EA846**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9777E0**, and **281873** is the 20% darker color. If you saturate the color by 10%, you get **5435A8**, and if you desaturate by 10%, it is **6C57A8**.

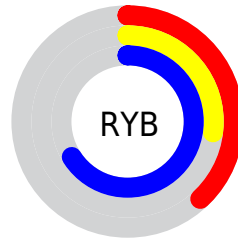
Distribution



Red (38%)

Green (27%)

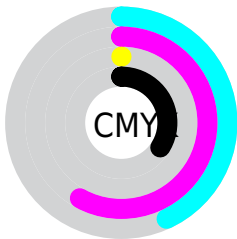
Blue (66%)



Red (38%)

Yellow (27%)

Blue (66%)

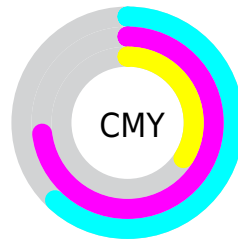


Cyan (43%)

Magenta (58%)

Yellow (0%)

Black (34%)



Cyan (62%)

Magenta (73%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6046A8 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 6046A8 by changing the saturation by 10% instead.

■ 6046A8

■ 6046A8

FFFFFF

■ 452F8D

■ 9777E0

■ 281873

■ B391FD

■ 01035A

■ D0ACFF

■ 000042

■ EDC8FF

■ 00032B

■ FFE4FF

■ 000115

■ 000000

■ 6046A8

■ 6046A8

■ 5435A8

■ 6C57A8

4724A8

7968A8

3B14A8

8578A8

2F03A8

9189A8

2D00A8

9E9AA8

AAABA8

B6BCA8

C3CCA8

CFDDA8

Harmonies

Analogous

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



005BBA



6046A8



972881

Triad

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



6046A8



8A4500



006C5F

Complementary

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



6046A8



8EA846

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.



006A2C



6046A8



645900

Square

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



6046A8



A42A22



2E6400



006C8F

Rectangle

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



6046A8



A81561



2E6400



006C4E

Sweetspot

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



6046A8



BEB4DB



4690A8



5C566E



EDEDED



6E6E6E

Same Dimension

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



6046A8



6B42DB



9046A8



4E4C54



270094



050014

Inverse Universe

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



A8468E



DB42B3



5EA846



544C52



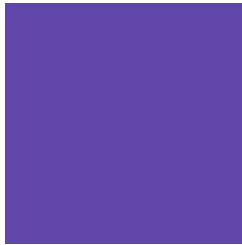
94006D



14000F

Previews

White Background



This preview shows how the Hex color 6046A8 looks on a white background.

Color Contrast Check

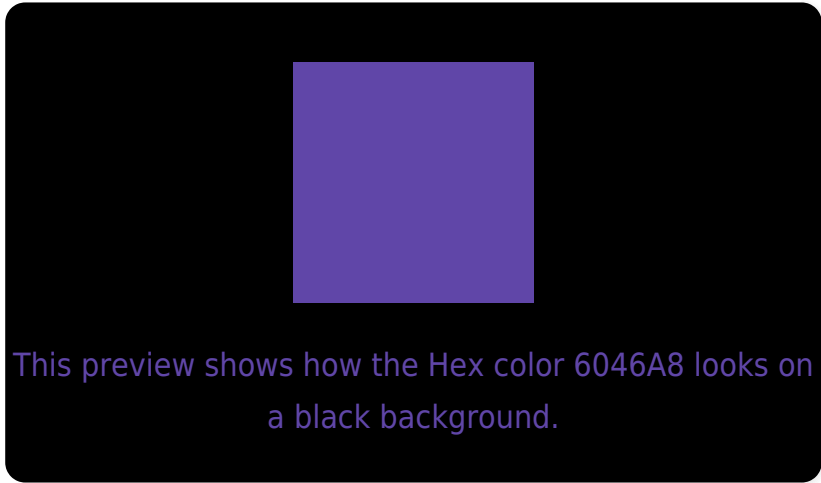
Large Text (above 18pt) WCAG AA ✓ Pass

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

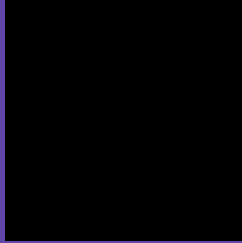
Any Text WCAG AA × Fail

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 6046A8 Background



This preview shows how black text looks on a background with the Hex color 6046A8.

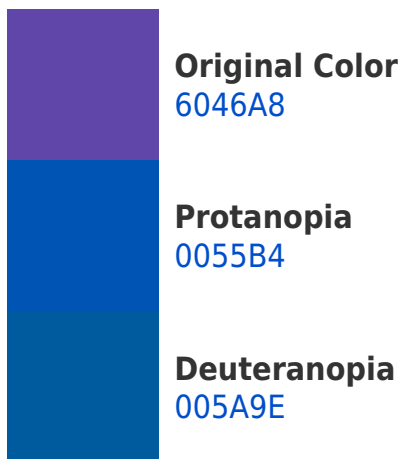



This preview shows how white text looks on a background with the Hex color 6046A8.

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





Tritanopia
4E5961

Trichromacy



Original Color
6046A8



Protanomaly
2350B0



Deuteranomaly
2353A2



Tritanomaly
55527B

Monochromacy



Original Color
6046A8



Achromatopsia
595959



Achromatomaly
5C5276

CSS Examples

Text

The CSS property to change the color of the text to Hex 6046A8 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 #6046A8 looks like.

```
.text, #text, p{  
    color:#6046A8  
}
```

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 #6046A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6046A8
}
```

Border

The CSS property to change the border of an element to Hex 6046A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

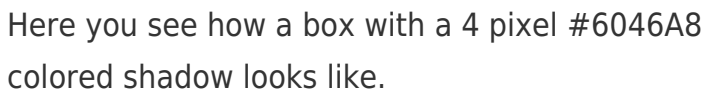
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6046A8 }
```

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

```
.border{ border-color:#6046A8 }
```

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



Here you see how a box with a 4 pixel #6046A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6046A8; -webkit-box-shadow:4px 4px  
4px 4px #6046A8; box-shadow:4px 4px 4px  
4px #6046A8 }
```

Background

The CSS property to change the background color of an element to Hex 6046A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6046A8 }
```

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

```
.background{ background-color:#6046A8 }
```

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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