

Converting Colors

Hex(46116B)

Have a look what the booklet for
Hex(46116B) contains.

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Color

Hex(46116B)

Conversions

Conversions Part 1

Format	Color
Hex	46116B
RGB	70, 17, 107
RGB Percent	27%, 7%, 42%
CMY	0.7255, 0.9333, 0.5804
CMYK	0.35, 0.84, 0.00, 0.58
HSL	275°, 73%, 24%
HSV	275°, 84%, 42%
XYZ	5.3801, 2.7645, 14.1600
YIQ	43.1070, 2.6980, 39.2260

Conversions

Conversions Part 2

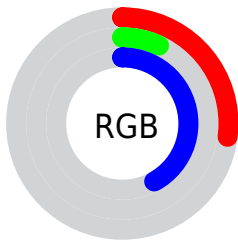
Format	Color
R_{YB}	70, 17, 107
Decimal	4591979
CIE _{Lab}	19.08, 40.79, -40.85
CIE _{LCh}	19, 57.733, 314.957
Yxy	2.7645, 0.2412, 0.1239
Android (android.graphics.Color)	4282782059 (0xFF46116B)
YUV	43.1070, 31.4992, 23.5852
Hunter-Lab	16.6269, 28.6616, -38.8544

Details

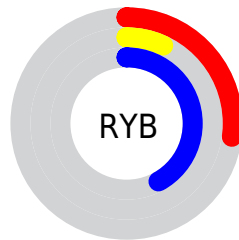
The Hex color **46116B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **366B11**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7A439F**, and **18003B** is the 20% darker color. If you saturate the color by 10%, you get **42066B**, and if you desaturate by 10%, it is **4A1C6B**.

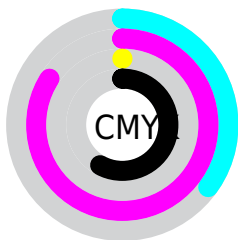
Distribution



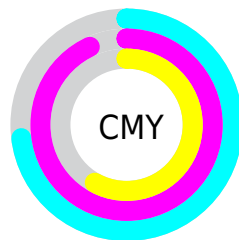
- Red (27%)
- Green (7%)
- Blue (42%)



- Red (27%)
- Yellow (7%)
- Blue (42%)



- Cyan (35%)
- Magenta (84%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46116B 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 46116B by changing the saturation by 10% instead.

■ 46116B

■ 46116B

FFFFFF

■ 2C0052

■ 7A439F

■ 18003B

■ 955CBA

■ 000224

■ B176D6

■ 00000C

■ CD90F3

■ 000000

■ EAABFF

■ FFC7FF

■ FFE3FF

■ 46116B

■ 46116B

■ 42066B

■ 4A1C6B

■ 3F006B

■ 4F266B

■ 53316B

■ 583C6B

■ 5C466B

■ 60516B

■ 655C6B

■ 69676B

■ 6E716B

Harmonies

Analogous

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



002E82



46116B



6B0045

Triad

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



46116B



4B2400



003E43

Complementary

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



46116B



366B11

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.



003D16



46116B



273300

Square

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



46116B



660000



003A00



003E6A

Rectangle

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



46116B



73002A



003A00



003E35

Sweetspot

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



46116B



7E698C



11376B



3F3247



C7C7C7



474747

Same Dimension

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



46116B



53008C



6B1164



333036



450075



9000F5

Inverse Universe

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



6B1136



8C003A



116B18



363032



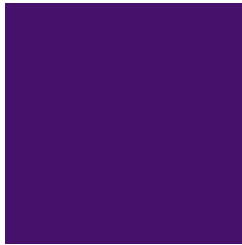
750030



F50065

Previews

White Background



This preview shows how the Hex color 46116B looks on a white background.

Color Contrast Check

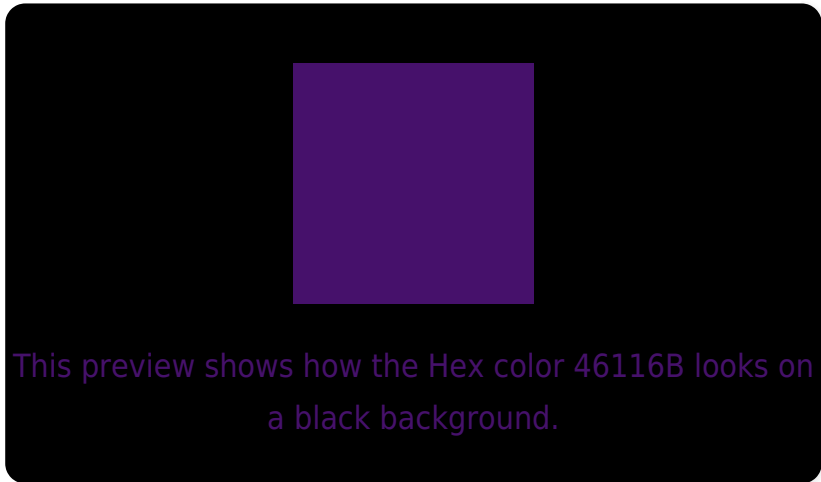
Large Text (above 18pt) WCAG AA ✓ Pass

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

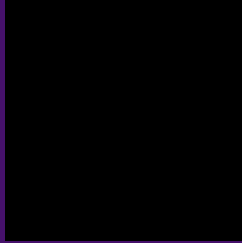
Any Text WCAG AA × Fail

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 46116B Background



This preview shows how black text looks on a background with the Hex color 46116B.



This preview shows how white text looks on a background with the Hex color 46116B.

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
46116B

Protanopia
002E62

Deuteranopia
003155



Tritanopia
3B2C2F

Trichromacy



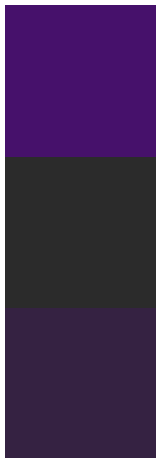
Original Color
46116B

Protanomaly
192365

Deuteranomaly
19255D

Tritanomaly
3F2245

Monochromacy



Original Color
46116B

Achromatopsia
2B2B2B

Achromatomaly
352242

CSS Examples

Text

The CSS property to change the color of the text to Hex 46116B 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 #46116B looks like.

```
.text, #text, p{  
    color:#46116B  
}
```

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 #46116B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46116B
}
```

Border

The CSS property to change the border of an element to Hex 46116B 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
#46116B }
```

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

```
.border{ border-color:#46116B }
```

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

Here you see how a box with a 4 pixel #46116B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46116B; -webkit-box-shadow:4px 4px  
4px 4px #46116B; box-shadow:4px 4px 4px  
4px #46116B }
```

Background

The CSS property to change the background color of an element to Hex 46116B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46116B }
```

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

```
.background{ background-color:#46116B }
```

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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