

Converting Colors

Hex(046791)

Have a look what the booklet for
Hex(046791) contains.

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Color

Hex(046791)

Conversions

Conversions Part 1

Format	Color
Hex	046791
RGB	4, 103, 145
RGB Percent	2%, 40%, 57%
CMY	0.9843, 0.5961, 0.4314
CMYK	0.97, 0.29, 0.00, 0.43
HSL	198°, 95%, 29%
HSV	198°, 97%, 57%
XYZ	10.0112, 11.7706, 28.5324
YIQ	78.1870, -72.4860, -7.9260

Conversions

Conversions Part 2

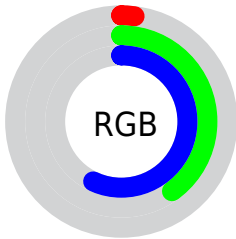
Format	Color
RYB	4, 62, 145
Decimal	288657
CIELab	40.85, -8.91, -29.97
CIELCh	41, 31.264, 253.443
Yxy	11.7706, 0.1990, 0.2339
Android (android.graphics.Color)	4278478737 (0xFF046791)
YUV	78.1870, 32.9388, -65.0620
Hunter-Lab	34.3084, -7.9535, -25.2924

Details

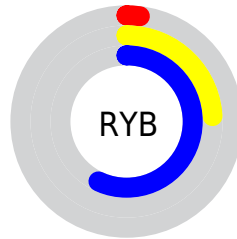
The Hex color **046791** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **912E04**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **539AC7**, and **00385E** is the 20% darker color. If you saturate the color by 10%, you get **006691**, and if you desaturate by 10%, it is **126B91**.

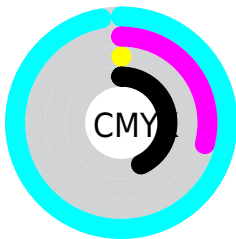
Distribution



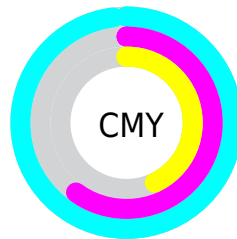
- Red (2%)
- Green (40%)
- Blue (57%)



- Red (2%)
- Yellow (24%)
- Blue (57%)



- Cyan (97%)
- Magenta (29%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046791 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 046791 by changing the saturation by 10% instead.

■ 046791

■ 046791

FFFFFF

■ 004F77

■ 539AC7

■ 00385E

■ 70B5E3

■ 002346

■ 8DD0FF

■ 000A30

■ AAECFF

■ 00011A

■ C7FFFF

■ 000000

■ E5FFFF

■ 046791

■ 046791

■ 006691

■ 126B91

■ 217091

■ 2F7491

■ 3E7891

■ 4C7D91

■ 5B8191

■ 698591

■ 788A91

■ 868E91

Harmonies

Analogous

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



006C83



046791



4B5F92

Triad

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



046791



914B56



48693A

Complementary

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



046791



912E04

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.



65632D



046791



8C513E

Square

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



046791



894D70



7C5A2F



226D51

Rectangle

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



046791



66588B



7C5A2F



526734

Sweetspot

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



046791



86ACBD



04912C



3D555E



DEDEDE



5E5E5E

Same Dimension

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



046791



0084BD



042391



404547



005F87



000508

Inverse Universe

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



910467



BD0084



917204



474045



87005F



080005

Previews

White Background



This preview shows how the Hex color 046791 looks on a white background.

Color Contrast Check

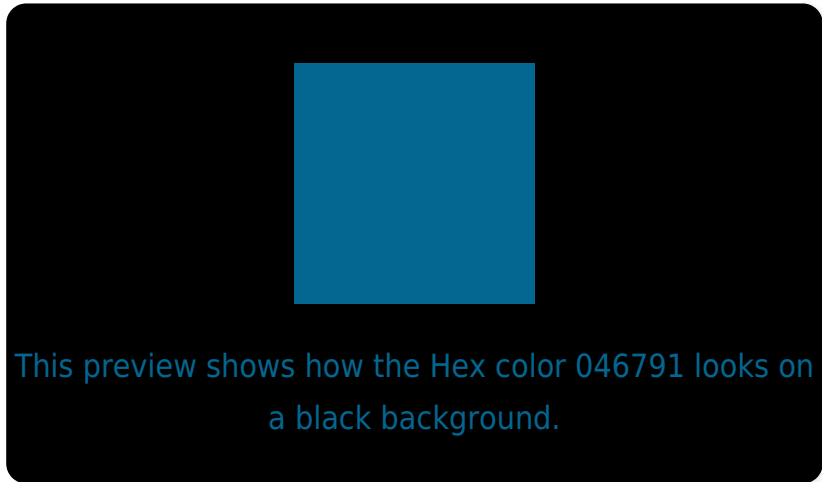
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

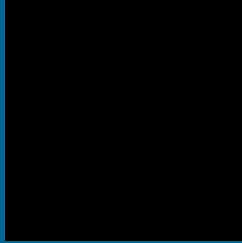
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 046791 Background



This preview shows how black text looks on a background with the Hex color 046791.



This preview shows how white text looks on a background with the Hex color 046791.

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
006B73

Trichromacy



Original Color
046791

Protanomaly
36628D

Deuteranomaly
2F6392

Tritanomaly
016A7E

Monochromacy



Original Color
046791

Achromatopsia
4E4E4E

Achromatomaly
335766

CSS Examples

Text

The CSS property to change the color of the text to Hex 046791 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 #046791 looks like.

```
.text, #text, p{  
    color:#046791  
}
```

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 #046791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046791
}
```

Border

The CSS property to change the border of an element to Hex 046791 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
#046791 }
```

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

```
.border{ border-color:#046791 }
```

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

Here you see how a box with a 4 pixel #046791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046791; -webkit-box-shadow:4px 4px  
4px 4px #046791; box-shadow:4px 4px 4px  
4px #046791 }
```

Background

The CSS property to change the background color of an element to Hex 046791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046791 }
```

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

```
.background{ background-color:#046791 }
```

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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