

Converting Colors

Hex(176391)

Have a look what the booklet for
Hex(176391) contains.

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Color

Hex(176391)

Conversions

Conversions Part 1

Format	Color
Hex	176391
RGB	23, 99, 145
RGB Percent	9%, 39%, 57%
CMY	0.9098, 0.6118, 0.4314
CMYK	0.84, 0.32, 0.00, 0.43
HSL	203°, 73%, 33%
HSV	203°, 84%, 57%
XYZ	9.9260, 11.1502, 28.4171
YIQ	81.5200, -60.0620, -1.8060

Conversions

Conversions Part 2

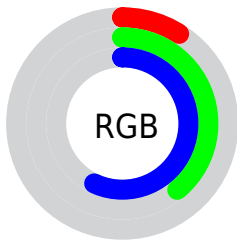
Format	Color
R_{YB}	23, 70, 145
Decimal	1532817
CIE _{Lab}	39.83, -5.20, -31.55
CIE _{LCh}	40, 31.974, 260.646
Yxy	11.1502, 0.2006, 0.2253
Android (android.graphics.Color)	4279722897 (0xFF176391)
YUV	81.5200, 31.2956, -51.3220
Hunter-Lab	33.3919, -5.3751, -27.0826

Details

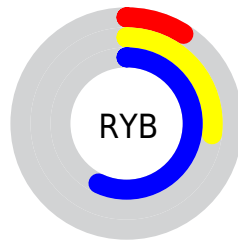
The Hex color **176391** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **914517**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5996C7**, and **00355E** is the 20% darker color. If you saturate the color by 10%, you get **095E91**, and if you desaturate by 10%, it is **256891**.

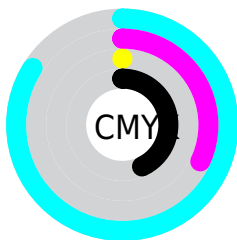
Distribution



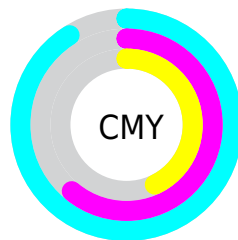
- Red (9%)
- Green (39%)
- Blue (57%)



- Red (9%)
- Yellow (27%)
- Blue (57%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (91%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 176391 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 176391 by changing the saturation by 10% instead.

■ 176391

■ 176391

FFFFFF

■ 004B77

■ 5996C7

■ 00355E

■ 76B0E3

■ 002046

■ 92CCFF

■ 000430

■ AFE8FF

■ 00011A

■ CCFFFF

■ 000000

■ E9FFFF

■ 176391

■ 176391

■ 095E91

■ 256891

■ 005A91

■ 346E91

■ 427391

■ 517991

■ 607E91

■ 6E8491

■ 7C8991

■ 8B8F91

■ 9A9491

Harmonies

Analogous

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



006986



176391



535A8F

Triad

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



176391



8F494D



3D683C

Complementary

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



176391



914517

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.



5C622B



176391



875036

Square

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



176391



8A4967



755A29



096B55

Rectangle

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



176391



6C5386



755A29



486635

Sweetspot

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



176391



8EABBD



179144



42545E



DEDEDE



5E5E5E

Same Dimension

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



176391



0076BD



172791



404547



005487



000508

Inverse Universe

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



911763



BD0076



918117



474045



870054



080005

Previews

White Background



This preview shows how the Hex color 176391 looks on a white background.

Color Contrast Check

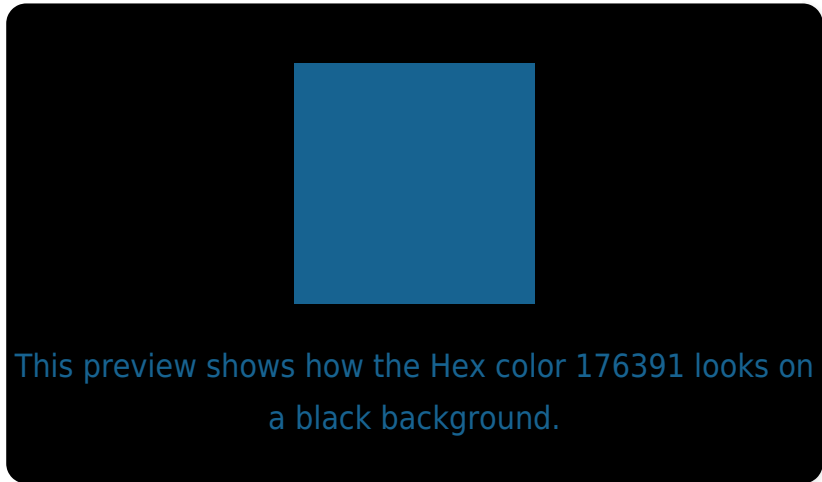
Large Text (above 18pt) WCAG AA ✓ Pass

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

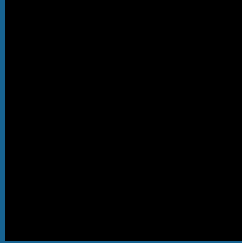
Any Text WCAG AA × Fail

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 176391 Background



This preview shows how black text looks on a background with the Hex color 176391.



This preview shows how white text looks on a background with the Hex color 176391.

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
006870

Trichromacy



Original Color
176391

Protanomaly
3A5F8D

Deuteranomaly
325F92

Tritanomaly
08667C

Monochromacy



Original Color
176391

Achromatopsia
525252

Achromatomaly
3D5869

CSS Examples

Text

The CSS property to change the color of the text to Hex 176391 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 #176391 looks like.

```
.text, #text, p{  
    color:#176391  
}
```

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 #176391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176391
}
```

Border

The CSS property to change the border of an element to Hex 176391 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
#176391 }
```

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

```
.border{ border-color:#176391 }
```

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

Here you see how a box with a 4 pixel #176391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176391; -webkit-box-shadow:4px 4px  
4px 4px #176391; box-shadow:4px 4px 4px  
4px #176391 }
```

Background

The CSS property to change the background color of an element to Hex 176391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176391 }
```

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

```
.background{ background-color:#176391 }
```

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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