

Converting Colors

Hex(226794)

Have a look what the booklet for
Hex(226794) contains.

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Color

Hex(226794)

Conversions

Conversions Part 1

Format	Color
Hex	226794
RGB	34, 103, 148
RGB Percent	13%, 40%, 58%
CMY	0.8667, 0.5961, 0.4196
CMYK	0.77, 0.30, 0.00, 0.42
HSL	204°, 63%, 36%
HSV	204°, 77%, 58%
XYZ	10.8552, 12.1787, 29.7956
YIQ	87.4990, -55.5690, -0.6330

Conversions

Conversions Part 2

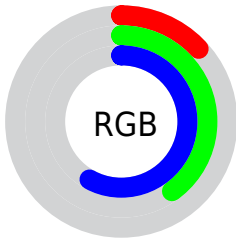
Format	Color
RYB	34, 77, 148
Decimal	2254740
CIELab	41.50, -5.25, -30.71
CIElCh	41, 31.156, 260.297
Yxy	12.1787, 0.2055, 0.2305
Android (android.graphics.Color)	4280444820 (0xFF226794)
YUV	87.4990, 29.8270, -46.9186
Hunter-Lab	34.8980, -5.5480, -26.1926

Details

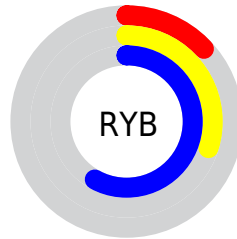
The Hex color **226794** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **944F22**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **609ACA**, and **003861** is the 20% darker color. If you saturate the color by 10%, you get **136194**, and if you desaturate by 10%, it is **316D94**.

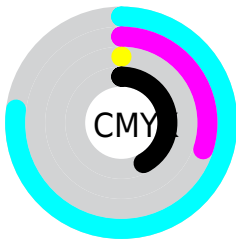
Distribution



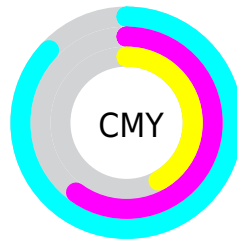
- Red (13%)
- Green (40%)
- Blue (58%)



- Red (13%)
- Yellow (30%)
- Blue (58%)



- Cyan (77%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226794 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 226794 by changing the saturation by 10% instead.

■ 226794

■ 226794

FFFFFF

■ 004F7A

■ 609ACA

■ 003861

■ 7CB5E7

■ 002349

■ 98D0FF

■ 000D32

■ B5ECFF

■ 00021D

■ D2FFFF

■ 000000

■ EFFFFFF

■ 226794

■ 226794

■ 136194

■ 316D94

■ 045B94

■ 407394

■ 005A94

■ 4E7994

■ 5D7E94

■ 6C8494

■ 7B8A94

■ 8A9094

■ 989694

■ A79C94

Harmonies

Analogous

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



006D89



226794



575E92

Triad

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



226794



934E51



436C40

Complementary

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



226794



944F22

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.



606630



226794



8B543B

Square

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



226794



8D4E6B



795E2F



186F58

Rectangle

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



226794



705889



795E2F



4D6A3A

Sweetspot

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



226794



93AEBF



22944E



465661



E0E0E0



616161

Same Dimension

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



226794



0F7ABF



222F94



43474A



00538A



00060A

Inverse Universe

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



942267



BF0F7A



948722



4A4347



8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 226794 looks on a white background.

Color Contrast Check

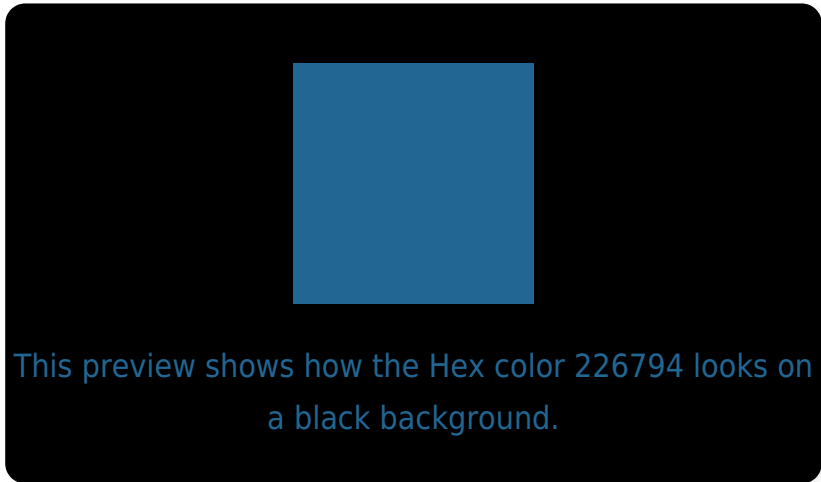
Large Text (above 18pt) WCAG AA ✓ Pass

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

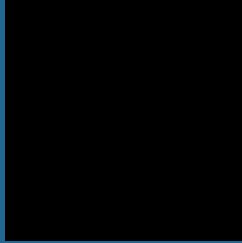
Any Text WCAG AA × Fail

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 226794 Background



This preview shows how black text looks on a background with the Hex color 226794.



This preview shows how white text looks on a background with the Hex color 226794.

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](#).

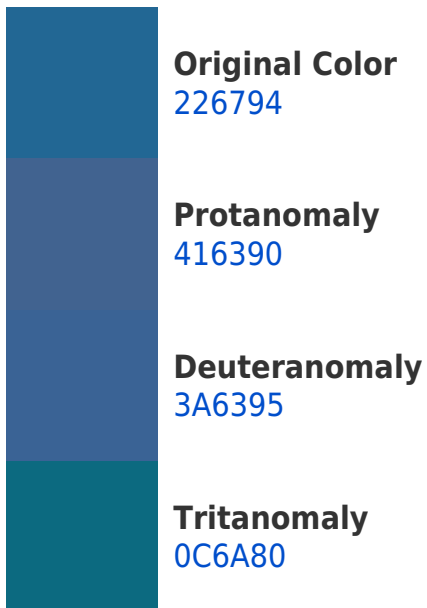
Dichromacy





Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 226794 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 #226794 looks like.

```
.text, #text, p{  
    color:#226794  
}
```

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 #226794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226794
}
```

Border

The CSS property to change the border of an element to Hex 226794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

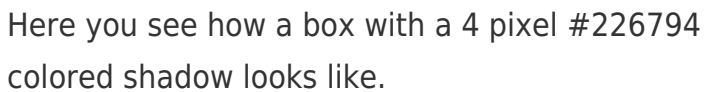
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#226794 }
```

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

```
.border{ border-color:#226794 }
```

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



Here you see how a box with a 4 pixel #226794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226794; -webkit-box-shadow:4px 4px  
4px 4px #226794; box-shadow:4px 4px 4px  
4px #226794 }
```

Background

The CSS property to change the background color of an element to Hex 226794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226794 }
```

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

```
.background{ background-color:#226794 }
```

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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