

Converting Colors

Hex(226F93)

Have a look what the booklet for
Hex(226F93) contains.

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Color

Hex(226F93)

Conversions

Conversions Part 1

Format	Color
Hex	226F93
RGB	34, 111, 147
RGB Percent	13%, 44%, 58%
CMY	0.8667, 0.5647, 0.4235
CMYK	0.77, 0.24, 0.00, 0.42
HSL	199°, 62%, 35%
HSV	199°, 77%, 58%
XYZ	11.6106, 13.8155, 29.6585
YIQ	92.0810, -57.4480, -5.1280

Conversions

Conversions Part 2

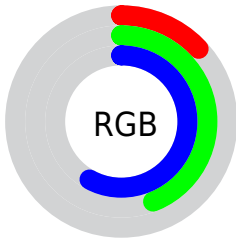
Format	Color
R_{YB}	34, 80, 147
Decimal	2256787
CIE _{Lab}	43.97, -10.39, -26.25
CIE _{LCh}	44, 28.235, 248.409
Yxy	13.8155, 0.2108, 0.2508
Android (android.graphics.Color)	4280446867 (0xFF226F93)
YUV	92.0810, 27.0751, -50.9370
Hunter-Lab	37.1693, -9.2881, -21.2908

Details

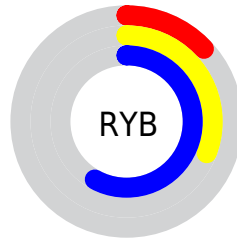
The Hex color **226F93** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **934622**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **60A3C9**, and **003F60** is the 20% darker color. If you saturate the color by 10%, you get **136A93**, and if you desaturate by 10%, it is **317493**.

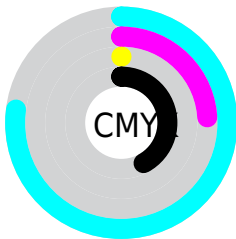
Distribution



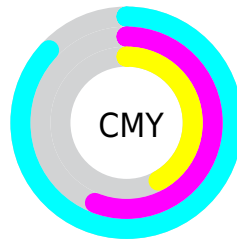
- Red (13%)
- Green (44%)
- Blue (58%)



- Red (13%)
- Yellow (31%)
- Blue (58%)



- Cyan (77%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226F93 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 226F93 by changing the saturation by 10% instead.

■ 226F93

■ 226F93

FFFFFF

■ 005779

■ 60A3C9

■ 003F60

■ 7CBEE5

■ 002A48

■ 99D9FF

■ 001632

■ B5F6FF

■ 00021C

■ D2FFFF

■ 000000

■ F0FFFF

■ 226F93

■ 226F93

■ 136A93

■ 317493

056693

3F7893

006493

4E7D93

5D8293

6C8693

7A8B93

899093

989493

A69993

Harmonies

Analogous

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



007384



226F93



506896

Triad

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



226F93



955562



576F42

Complementary

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



226F93



934622

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.



716939



226F93



92594C

Square

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



226F93



8B587A



85613D



3A7356

Rectangle

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



226F93



696291



85613D



606D3E

Sweetspot

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



226F93



93B1BF



229346



465861



E0E0E0



616161

Same Dimension

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



226F93



0F87BF



223793



43484A



005E8A



00070A

Inverse Universe

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



93226F



BF0F87



937E22



4A4348



8A005E



0A0007

Previews

White Background



This preview shows how the Hex color 226F93 looks on a white background.

Color Contrast Check

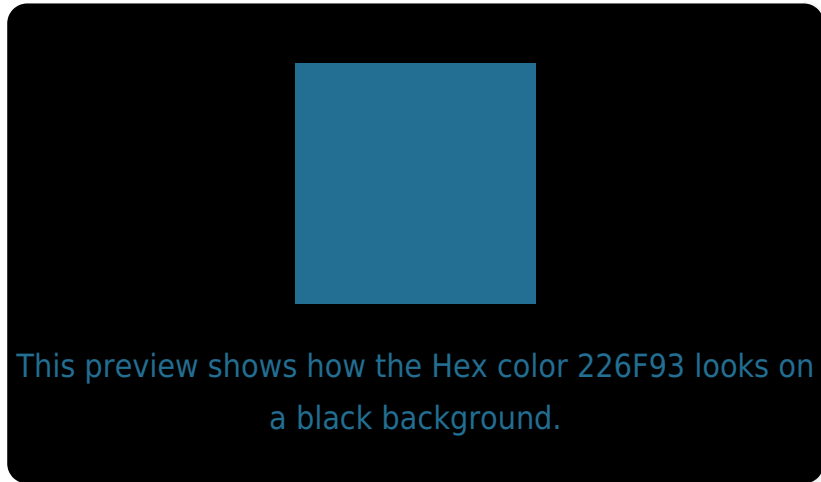
Large Text (above 18pt) WCAG AA ✓ Pass

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 226F93 Background



This preview shows how black text looks on a background with the Hex color 226F93.



This preview shows how white text looks on a background with the Hex color 226F93.

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](#).

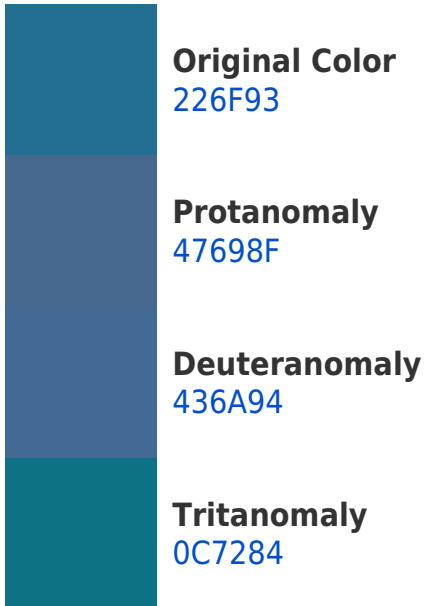
Dichromacy





Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 226F93 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 #226F93 looks like.

```
.text, #text, p{  
    color:#226F93  
}
```

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 #226F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226F93
}
```

Border

The CSS property to change the border of an element to Hex 226F93 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
#226F93 }
```

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

```
.border{ border-color:#226F93 }
```

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

Here you see how a box with a 4 pixel #226F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226F93; -webkit-box-shadow:4px 4px  
4px 4px #226F93; box-shadow:4px 4px 4px  
4px #226F93 }
```

Background

The CSS property to change the background color of an element to Hex 226F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226F93 }
```

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

```
.background{ background-color:#226F93 }
```

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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