

Converting Colors

Hex(225B79)

Have a look what the booklet for
Hex(225B79) contains.

Hex(225B79)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(225B79)

Conversions

Conversions Part 1

Format	Color
Hex	225B79
RGB	34, 91, 121
RGB Percent	13%, 36%, 47%
CMY	0.8667, 0.6431, 0.5255
CMYK	0.72, 0.25, 0.00, 0.53
HSL	201°, 56%, 30%
HSV	201°, 72%, 47%
XYZ	7.8520, 9.2027, 19.4516
YIQ	77.3770, -43.6020, -2.7540

Conversions

Conversions Part 2

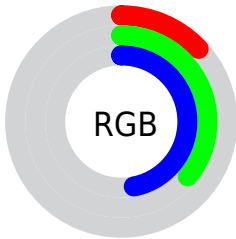
Format	Color
R_{YB}	34, 68, 121
Decimal	2251641
CIE _{Lab}	36.37, -7.98, -22.34
CIE _{LCh}	36, 23.726, 250.352
Yxy	9.2027, 0.2151, 0.2521
Android (android.graphics.Color)	4280441721 (0xFF225B79)
YUV	77.3770, 21.5061, -38.0416
Hunter-Lab	30.3360, -6.8863, -16.7819




Details

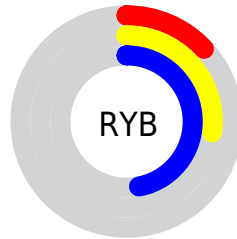
The Hex color **225B79** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **794022**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **5A8DAD**, and **002D48** is the 20% darker color. If you saturate the color by 10%, you get **165779**, and if you desaturate by 10%, it is **2E5F79**.

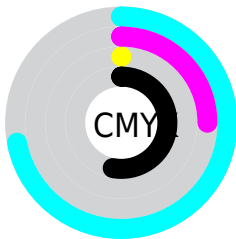
Distribution







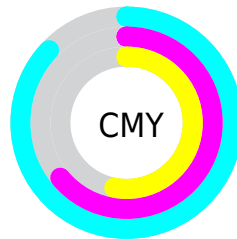
-  Red (13%)
-  Green (36%)
-  Blue (47%)






-  Red (13%)
-  Yellow (27%)
-  Blue (47%)



-  Cyan (72%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225B79 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 225B79 by changing the saturation by 10% instead.

■ 225B79

■ 225B79

FFFFFF

■ 004460

■ 5A8DAD

■ 002D48

■ 75A7C9

■ 001932

■ 90C3E5

■ 00021D

■ ACDCFF

■ 000000

■ C9FBFF

■ E6FFFF

■ 225B79

■ 225B79

■ 165779

■ 2E5F79

■ 0A5379

■ 3A6379

■ 004F79

■ 466879

■ 526C79

■ 5E7079

■ 6B7479

■ 777879

■ 837C79

■ 8F8179

Harmonies

Analogous

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



005F6E



225B79



45557B

Triad

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



225B79



7A4750



475C38

Complementary

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



225B79



794022

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.



5C5730



225B79



784A3E

Square

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



225B79



734863



6D5032



2F5F48

Rectangle

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



225B79



585176



6D5032



4E5A34

Sweetspot

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



225B79



7B929E



22793F



3A484F



CFCFCF



4F4F4F

Same Dimension

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



225B79



166F9E



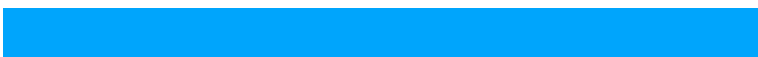
223179



373B3D



00527D



00A5FC

Inverse Universe

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



79225B



9E166F



796A22



3D373B



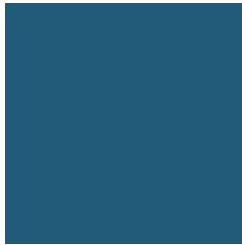
7D0052



FC00A5

Previews

White Background



This preview shows how the Hex color 225B79 looks on a white background.

Color Contrast Check

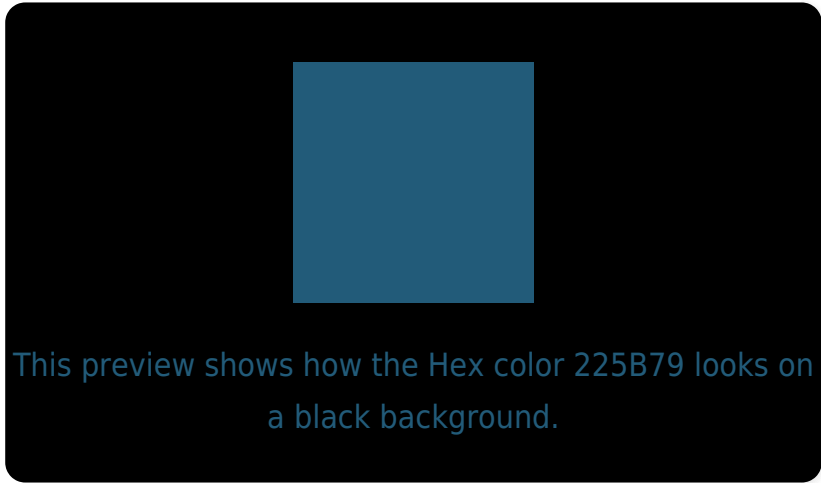
Large Text (above 18pt) WCAG AA ✓ Pass

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

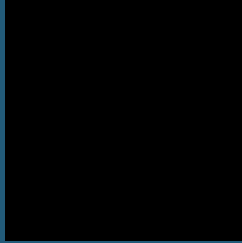
Any Text WCAG AA × Fail

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 225B79 Background



This preview shows how black text looks on a background with the Hex color 225B79.



This preview shows how white text looks on a background with the Hex color 225B79.

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
225B79

Protanopia
4C5474

Deuteranopia
47557A



Tritanopia
125E66

Trichromacy



Original Color
225B79

Protanomaly
3D5776

Deuteranomaly
3A577A

Tritanomaly
185D6D

Monochromacy



Original Color
225B79

Achromatopsia
4D4D4D

Achromatomaly
3D525D

CSS Examples

Text

The CSS property to change the color of the text to Hex 225B79 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 #225B79 looks like.

```
.text, #text, p{  
    color:#225B79  
}
```

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 #225B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225B79
}
```

Border

The CSS property to change the border of an element to Hex 225B79 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
#225B79 }
```

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

```
.border{ border-color:#225B79 }
```

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

Here you see how a box with a 4 pixel #225B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225B79; -webkit-box-shadow:4px 4px  
4px 4px #225B79; box-shadow:4px 4px 4px  
4px #225B79 }
```

Background

The CSS property to change the background color of an element to Hex 225B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225B79 }
```

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

```
.background{ background-color:#225B79 }
```

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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