

Converting Colors

Hex(225AAA)

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

Hex(225AAA)	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(225AAA)

Conversions

Conversions Part 1

Format	Color
Hex	225AAA
RGB	34, 90, 170
RGB Percent	13%, 35%, 67%
CMY	0.8667, 0.6471, 0.3333
CMYK	0.80, 0.47, 0.00, 0.33
HSL	215°, 67%, 40%
HSV	215°, 80%, 67%
XYZ	11.5716, 10.5547, 39.4576
YIQ	82.3760, -59.0560, 13.0080

Conversions

Conversions Part 2

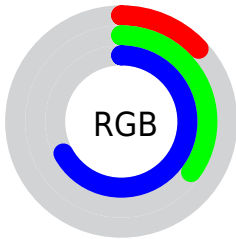
Format	Color
R_{YB}	34, 74, 170
Decimal	2251434
CIE _{Lab}	38.82, 11.52, -48.07
CIE _{LCh}	39, 49.432, 283.474
Yxy	10.5547, 0.1879, 0.1714
Android (android.graphics.Color)	4280441514 (0xFF225AAA)
YUV	82.3760, 43.1986, -42.4258
Hunter-Lab	32.4880, 6.7241, -49.2678




Details

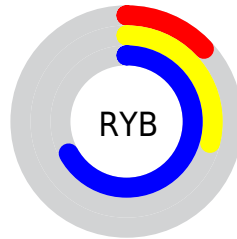
The Hex color **225AAA** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AA7222**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **658BE2**, and **002D75** is the 20% darker color. If you saturate the color by 10%, you get **1150AA**, and if you desaturate by 10%, it is **3364AA**.

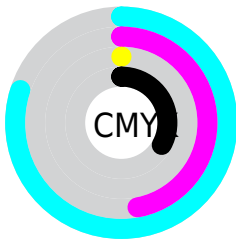
Distribution







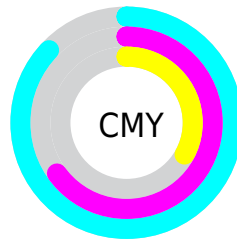
-  Red (13%)
-  Green (35%)
-  Blue (67%)






-  Red (13%)
-  Yellow (29%)
-  Blue (67%)



-  Cyan (80%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (33%)

Brightness & Saturation Gradients

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

■ 225AAA

■ 225AAA

FFFFFF

■ 00438F

■ 658BE2

■ 002D75

■ 82A6FF

■ 001A5C

■ 9FC1FF

■ 000244

■ BCDCFF

■ 00032D

■ DAF9FF

■ 000117

■ F8FFFF

■ 000000

■ 225AAA

■ 225AAA

■ 1150AA

■ 3364AA

0046AA

446EAA

5578AA

6682AA

778CAA

8896AA

99A0AA

AAAAAA

BBB4AA

Harmonies

Analogous

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



0066A9



225AAA



744896

Triad

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



225AAA



994025



006C43

Complementary

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



225AAA



AA7222

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.



2F681B



225AAA



805101

Square

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



225AAA



A3324B



5E5F00



006E6D

Rectangle

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



225AAA



8F3B80



5E5F00



006B35

Sweetspot

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



225AAA



A9BFDE



22AA71



505D70



F0F0F0



707070

Same Dimension

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



225AAA



0961DE



2D22AA



4C4F54



003D94



000814

Inverse Universe

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



AA225A



DE0961



9FAA22



544C4F



94003D



140008

Previews

White Background



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

Color Contrast Check

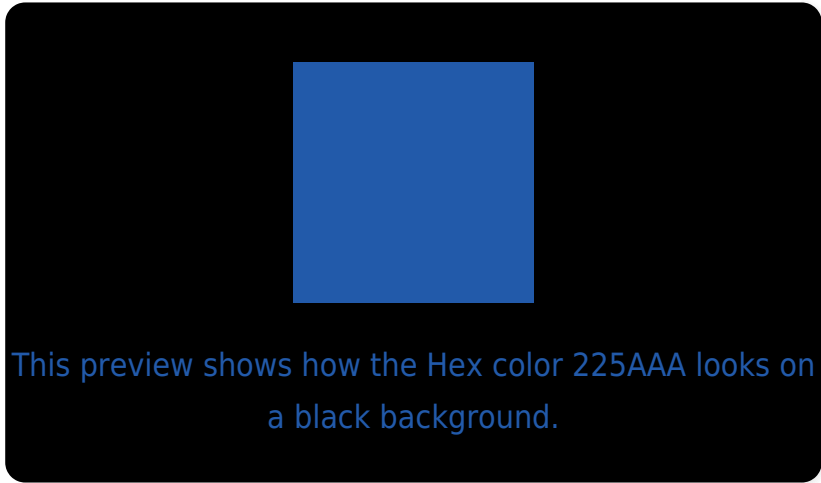
Large Text (above 18pt) WCAG AA ✓ Pass

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 225AAA Background



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

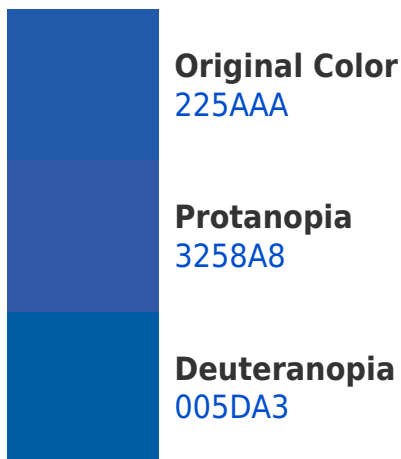


This preview shows how white text looks on a background with the Hex color 225AAA.

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](#).

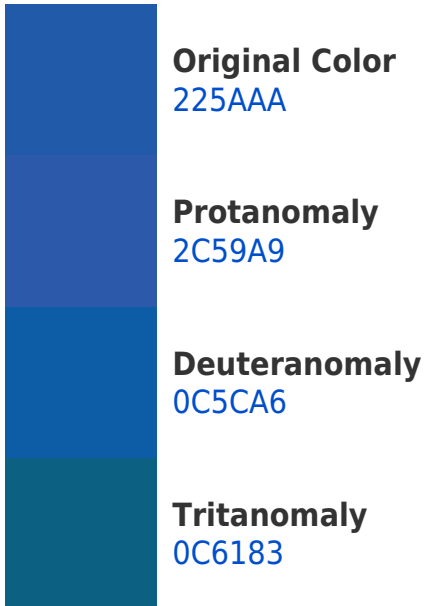
Dichromacy



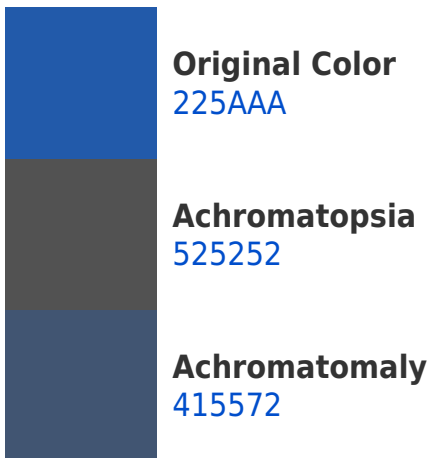


Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #225AAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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