

Converting Colors

Hex(225B95)

Have a look what the booklet for
Hex(225B95) contains.

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Color

Hex(225B95)

Conversions

Conversions Part 1

Format	Color
Hex	225B95
RGB	34, 91, 149
RGB Percent	13%, 36%, 58%
CMY	0.8667, 0.6431, 0.4157
CMYK	0.77, 0.39, 0.00, 0.42
HSL	210°, 63%, 36%
HSV	210°, 77%, 58%
XYZ	9.8256, 9.9922, 29.8446
YIQ	80.5690, -52.5900, 5.9540

Conversions

Conversions Part 2

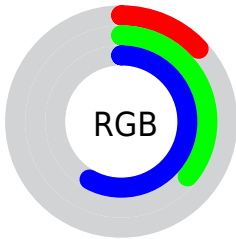
Format	Color
RYB	34, 72, 149
Decimal	2251669
CIELab	37.83, 2.64, -37.11
CIELCh	38, 37.203, 274.074
Yxy	9.9922, 0.1978, 0.2012
Android (android.graphics.Color)	4280441749 (0xFF225B95)
YUV	80.5690, 33.7365, -40.8410
Hunter-Lab	31.6104, 0.1657, -33.8507

Details

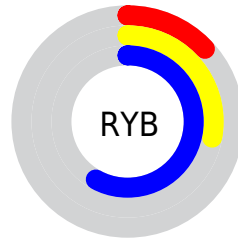
The Hex color **225B95** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **955C22**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **608DCC**, and **002E62** is the 20% darker color. If you saturate the color by 10%, you get **135395**, and if you desaturate by 10%, it is **316395**.

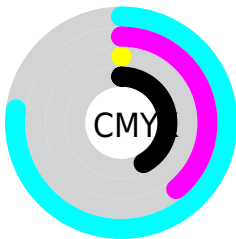
Distribution



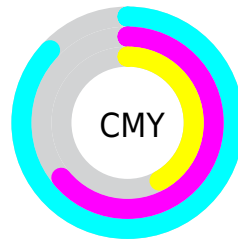
- Red (13%)
- Green (36%)
- Blue (58%)



- Red (13%)
- Yellow (28%)
- Blue (58%)



- Cyan (77%)
- Magenta (39%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225B95 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 225B95 by changing the saturation by 10% instead.

■ 225B95

■ 225B95

FFFFFF

■ 00447B

■ 608DCC

■ 002E62

■ 7CA7E8

■ 001A49

■ 98C2FF

■ 000433

■ B5DEFF

■ 00021D

■ D2FAFF

■ 000000

■ EFFFFFF

■ 225B95

■ 225B95

■ 135395

■ 316395

■ 044C95

■ 406A95

■ 004A95

■ 4F7295

■ 5E7995

■ 6D8195

■ 7B8895

■ 8A9095

■ 999795

■ A89F95

Harmonies

Analogous

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



00638F



225B95



604F8B

Triad

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



225B95



8E4339



18663E

Complementary

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



225B95



955C22

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.



476124



225B95



7E4E22

Square

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



225B95



903E56



665919



00685C

Rectangle

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



225B95



78477D



665919



2C6534

Sweetspot

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



225B95



95ABC2



22955C



465361



E0E0E0



616161

Same Dimension

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



225B95



0E67C2



222295



43464A



00448A



00050A

Inverse Universe

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



95225B



C20E67



959522



4A4346



8A0044



0A0005

Previews

White Background



This preview shows how the Hex color 225B95 looks on a white background.

Color Contrast Check

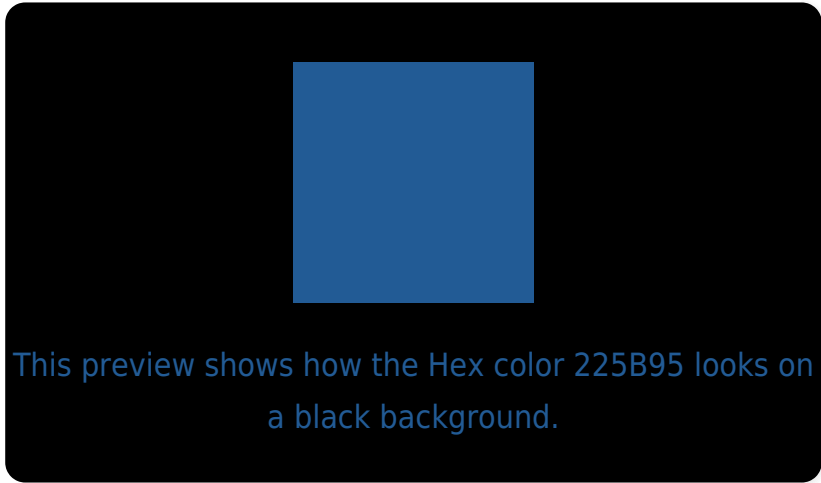
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

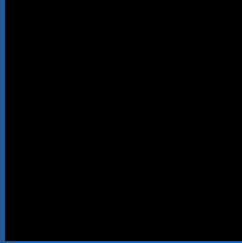
Any Text WCAG AA × Fail

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 225B95 Background



This preview shows how black text looks on a background with the Hex color 225B95.

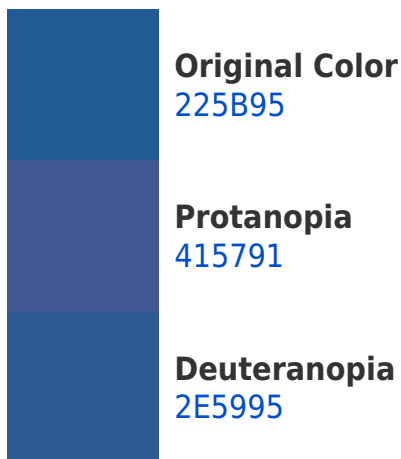


This preview shows how white text looks on a background with the Hex color 225B95.

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](#).

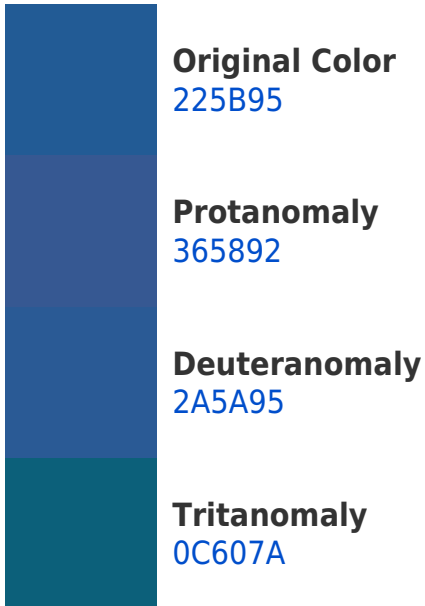
Dichromacy



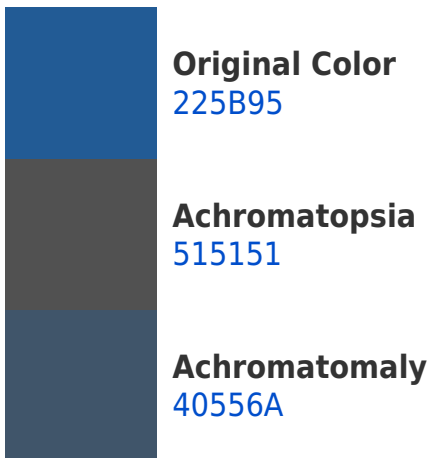


Tritanopia
00636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 225B95 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 #225B95 looks like.

```
.text, #text, p{  
    color:#225B95  
}
```

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 #225B95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225B95
}
```

Border

The CSS property to change the border of an element to Hex 225B95 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
#225B95 }
```

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

```
.border{ border-color:#225B95 }
```

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

Here you see how a box with a 4 pixel #225B95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225B95; -webkit-box-shadow:4px 4px  
4px 4px #225B95; box-shadow:4px 4px 4px  
4px #225B95 }
```

Background

The CSS property to change the background color of an element to Hex 225B95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225B95 }
```

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

```
.background{ background-color:#225B95 }
```

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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