

Converting Colors

Hex(223295)

Have a look what the booklet for
Hex(223295) contains.

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Color

Hex(223295)

Conversions

Conversions Part 1

Format	Color
Hex	223295
RGB	34, 50, 149
RGB Percent	13%, 20%, 58%
CMY	0.8667, 0.8039, 0.4157
CMYK	0.77, 0.66, 0.00, 0.42
HSL	232°, 63%, 36%
HSV	232°, 77%, 58%
XYZ	7.2251, 4.7912, 28.9778
YIQ	56.5020, -41.3150, 27.3970

Conversions

Conversions Part 2

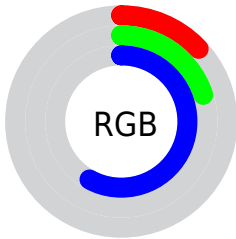
Format	Color
R_{YB}	34, 48, 149
Decimal	2241173
CIE _{Lab}	26.13, 30.21, -56.01
CIE _{LCh}	26, 63.632, 298.339
Yxy	4.7912, 0.1762, 0.1169
Android (android.graphics.Color)	4280431253 (0xFF223295)
YUV	56.5020, 45.6015, -19.7343
Hunter-Lab	21.8888, 20.6141, -63.1695




Details

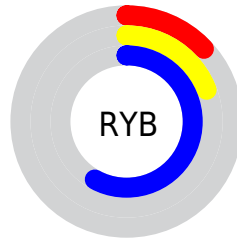
The Hex color **223295** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **958522**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **6260CC**, and **000961** is the 20% darker color. If you saturate the color by 10%, you get **132595**, and if you desaturate by 10%, it is **313F95**.

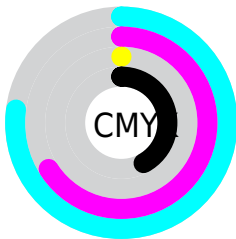
Distribution







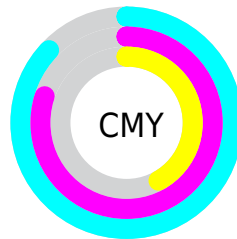
-  Red (13%)
-  Green (20%)
-  Blue (58%)






-  Red (13%)
-  Yellow (19%)
-  Blue (58%)



-  Cyan (77%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223295 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 223295 by changing the saturation by 10% instead.

■ 223295

■ 223295

FFFFFF

■ 001D7B

■ 6260CC

■ 000961

■ 7E79E9

■ 000048

■ 9B93FF

■ 000431

■ B8AEFF

■ 00011B

■ D5C9FF

■ 000000

■ F3E5FF

■ 223295

■ 223295

■ 132595

■ 313F95

■ 041895

■ 404C95

■ 001595

■ 4F5895

■ 5E6595

■ 6D7295

■ 7B7F95

■ 8A8C95

■ 999995

■ A8A595

Harmonies

Analogous

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



0046A1



223295



720072

Triad

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



223295



732300



00503A

Complementary

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



223295



958522

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.



004D00



223295



4F3B00

Square

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



223295



890014



1C4800



00516B

Rectangle

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



223295



870053



1C4800



004F28

Sweetspot

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



223295



959BC2



229584



464A61



E0E0E0



616161

Same Dimension

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



223295



0E27C2



4A2295



43444A



00138A



00010A

Inverse Universe

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



952232



C20E27



6D9522



4A4344



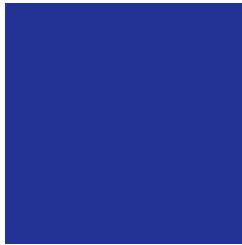
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 223295 looks on a white background.

Color Contrast Check

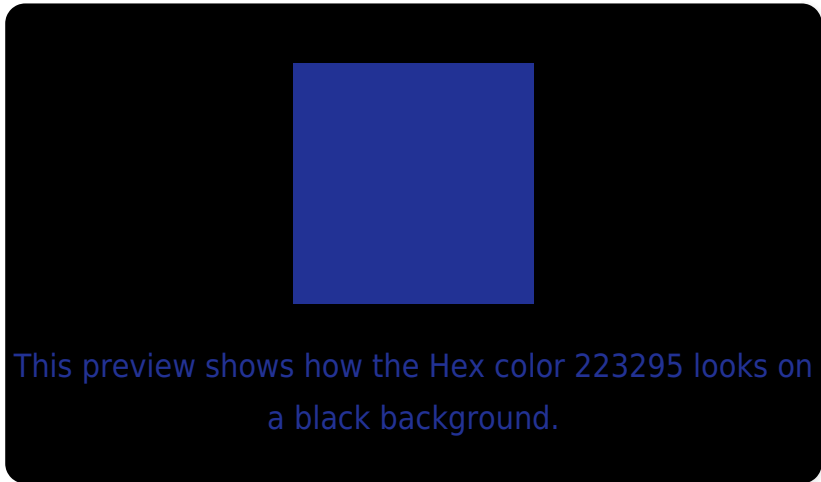
Large Text (above 18pt) WCAG AA ✓ Pass

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

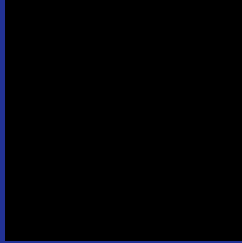
Any Text WCAG AA × Fail

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 223295 Background



This preview shows how black text looks on a background with the Hex color 223295.



This preview shows how white text looks on a background with the Hex color 223295.

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



Trichromacy



Original Color
223295

Protanomaly
0C3886

Tritanomaly
0C3E65

Monochromacy



Original Color
223295

Achromatopsia
393939

Achromatomaly
31365A

CSS Examples

Text

The CSS property to change the color of the text to Hex 223295 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 #223295 looks like.

```
.text, #text, p{  
    color:#223295  
}
```

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 #223295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223295
}
```

Border

The CSS property to change the border of an element to Hex 223295 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
#223295 }
```

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

```
.border{ border-color:#223295 }
```

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

Here you see how a box with a 4 pixel #223295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223295; -webkit-box-shadow:4px 4px  
4px 4px #223295; box-shadow:4px 4px 4px  
4px #223295 }
```

Background

The CSS property to change the background color of an element to Hex 223295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223295 }
```

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

```
.background{ background-color:#223295 }
```

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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