

Converting Colors

Hex(221660)

Have a look what the booklet for
Hex(221660) contains.

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Color

Hex(221660)

Conversions

Conversions Part 1

Format	Color
Hex	221660
RGB	34, 22, 96
RGB Percent	13%, 9%, 38%
CMY	0.8667, 0.9137, 0.6235
CMYK	0.65, 0.77, 0.00, 0.62
HSL	250°, 63%, 23%
HSV	250°, 77%, 38%
XYZ	3.0579, 1.7584, 11.2446
YIQ	34.0240, -16.6020, 25.5580

Conversions

Conversions Part 2

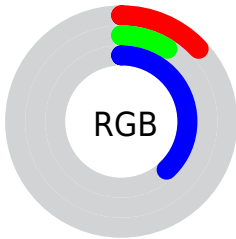
Format	Color
R_{YB}	34, 22, 96
Decimal	2233952
CIE _{Lab}	14.16, 29.00, -41.83
CIE _{LCh}	14, 50.898, 304.740
Yxy	1.7584, 0.1904, 0.1095
Android (android.graphics.Color)	4280424032 (0xFF221660)
YUV	34.0240, 30.5542, -0.0210
Hunter-Lab	13.2606, 17.9565, -40.9938




Details

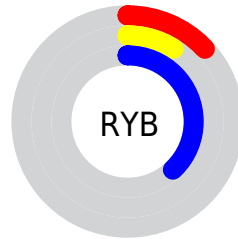
The Hex color **221660** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **546016**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **574293**, and **000130** is the 20% darker color. If you saturate the color by 10%, you get **1A0C60**, and if you desaturate by 10%, it is **2A2060**.

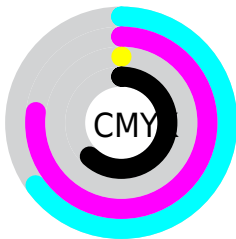
Distribution







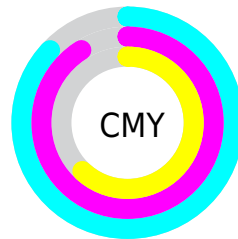
-  Red (13%)
-  Green (9%)
-  Blue (38%)






-  Red (13%)
-  Yellow (9%)
-  Blue (38%)



-  Cyan (65%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (87%)
-  Magenta (91%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221660 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 221660 by changing the saturation by 10% instead.

 221660

 221660

 FFFBFF

 030048

 574293

 000130

 725AAE

 00011B

 8C73CA

 000000

 A88DE6

 C4A7FF

 E1C3FF

 FEDFFF

 221660

 221660

■ 1A0C60

■ 2A2060

■ 120360

■ 322960

■ 100060

■ 3A3360

■ 423C60

■ 4A4660

■ 525060

■ 5A5960

■ 626360

■ 6A6C60

Harmonies

Analogous

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



00286D



221660



500043

Triad

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



221660



451500



003229

Complementary

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



221660



546016

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.



003000



221660



292500

Square

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



221660



580000



002C00



00324C

Rectangle

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



221660



5C002C



002C00



00311C

Sweetspot

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



221660



65607D



165560



312E40



BFBFBF



404040

Same Dimension

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



221660



1C097D



461660



2C2C30



120070



2700F0

Inverse Universe

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



601654



7D096A



306016



302C30



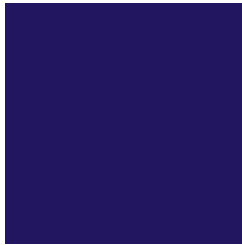
70005E



F000C9

Previews

White Background



This preview shows how the Hex color 221660 looks on a white background.

Color Contrast Check

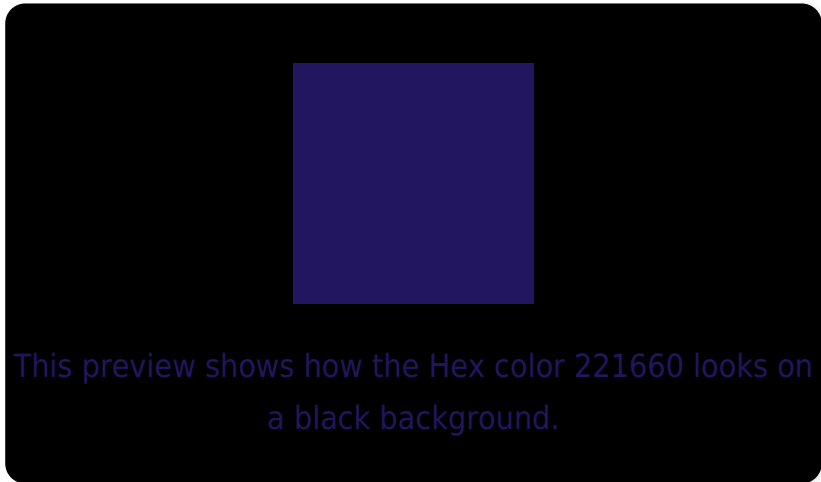
Large Text (above 18pt) WCAG AA ✓ Pass

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

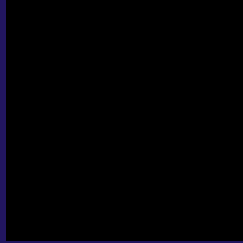
Any Text WCAG AA × Fail

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 221660 Background



This preview shows how black text looks on a background with the Hex color 221660.

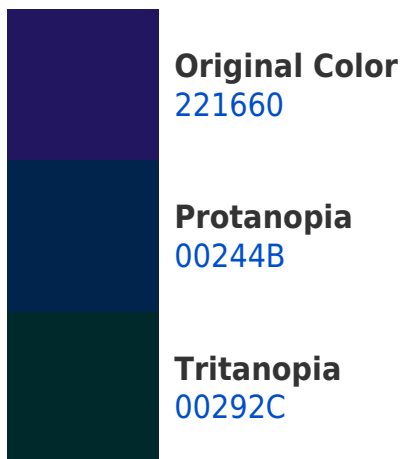


This preview shows how white text looks on a background with the Hex color 221660.

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
221660

Protanomaly
0C1F53

Tritanomaly
0C223F

Monochromacy



Original Color
221660

Achromatopsia
222222

Achromatomaly
221E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 221660 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 #221660 looks like.

```
.text, #text, p{  
    color:#221660  
}
```

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 #221660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221660
}
```

Border

The CSS property to change the border of an element to Hex 221660 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
#221660 }
```

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

```
.border{ border-color:#221660 }
```

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

Here you see how a box with a 4 pixel #221660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221660; -webkit-box-shadow:4px 4px  
4px 4px #221660; box-shadow:4px 4px 4px  
4px #221660 }
```

Background

The CSS property to change the background color of an element to Hex 221660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221660 }
```

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

```
.background{ background-color:#221660 }
```

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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