

Converting Colors

Hex(221962)

Have a look what the booklet for
Hex(221962) contains.

Hex(221962)	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(221962)

Conversions

Conversions Part 1

Format	Color
Hex	221962
RGB	34, 25, 98
RGB Percent	13%, 10%, 38%
CMY	0.8667, 0.9020, 0.6157
CMYK	0.65, 0.74, 0.00, 0.62
HSL	247°, 59%, 24%
HSV	247°, 74%, 38%
XYZ	3.2119, 1.9172, 11.7560
YIQ	36.0130, -18.0690, 24.6110

Conversions

Conversions Part 2

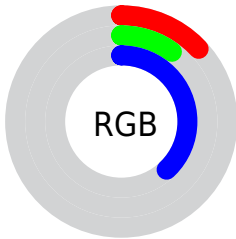
Format	Color
RYB	34, 25, 98
Decimal	2234722
CIELab	15.05, 27.83, -41.71
CIELCh	15, 50.139, 303.714
Yxy	1.9172, 0.1902, 0.1135
Android (android.graphics.Color)	4280424802 (0xFF221962)
YUV	36.0130, 30.5596, -1.7654
Hunter-Lab	13.8462, 17.1758, -40.6473




Details

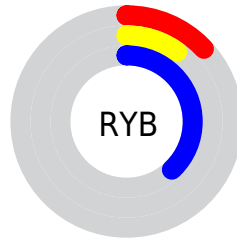
The Hex color **221962** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **596219**, and the grayscale version is **242424**.



A 20% lighter version of the original color is **574596**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **190F62**, and if you desaturate by 10%, it is **2B2362**.

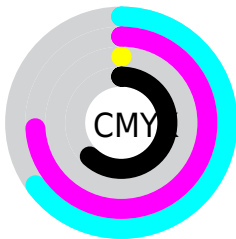
Distribution







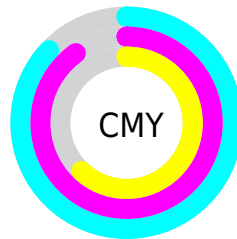
-  Red (13%)
-  Green (10%)
-  Blue (38%)






-  Red (13%)
-  Yellow (10%)
-  Blue (38%)



-  Cyan (65%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (87%)
-  Magenta (90%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221962 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 221962 by changing the saturation by 10% instead.

■ 221962

■ 221962

FFFFFF

■ 01034A

■ 574596

■ 000032

■ 725DB1

■ 00021C

■ 8D76CC

■ 000000

■ A890E9

■ C4AAFF

■ E1C6FF

■ FEE2FF

■ 221962

■ 221962

■ 190F62

■ 2B2362

■ 110562

■ 332D62

■ 0C0062

■ 3C3662

■ 444062

■ 4D4A62

■ 565462

■ 5E5E62

■ 676762

■ 6F7162

Harmonies

Analogous

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



002A6E



221962



510046

Triad

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



221962



481600



003329

Complementary

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



221962



596219

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.



003200



221962



2C2600

Square

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



221962



5B0000



002E00



00334D

Rectangle

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



221962



5D002F



002E00



00331D

Sweetspot

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



221962



676380



195962



312F40



BFBFBF



404040

Same Dimension

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



221962



1C0E80



461962



2C2C30



0E0070



1E00F0

Inverse Universe

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



621959



800E72



356219



302C30



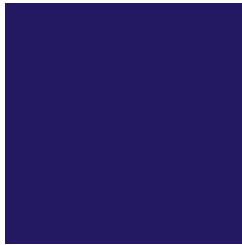
700062



F000D2

Previews

White Background



This preview shows how the Hex color 221962 looks on a white background.

Color Contrast Check

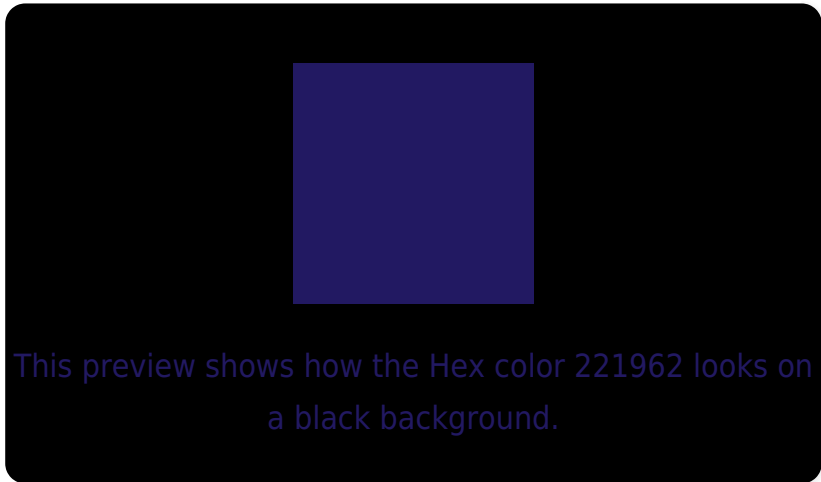
Large Text (above 18pt) WCAG AA ✓ Pass

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

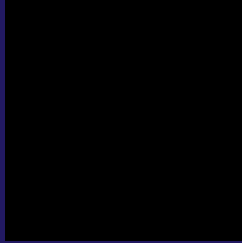
Any Text WCAG AA × Fail

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 221962 Background



This preview shows how black text looks on a background with the Hex color 221962.



This preview shows how white text looks on a background with the Hex color 221962.

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
221962

Protanopia
00254E

Deuteranopia
002843



Tritanopia
002B2E

Trichromacy



Original Color
221962

Protanomaly
0C2155

Deuteranomaly
0C234E

Tritanomaly
0C2441

Monochromacy



Original Color
221962

Achromatopsia
242424

Achromatomaly
23203B

CSS Examples

Text

The CSS property to change the color of the text to Hex 221962 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 #221962 looks like.

```
.text, #text, p{  
    color:#221962  
}
```

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 #221962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221962
}
```

Border

The CSS property to change the border of an element to Hex 221962 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
#221962 }
```

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

```
.border{ border-color:#221962 }
```

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

Here you see how a box with a 4 pixel #221962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221962; -webkit-box-shadow:4px 4px  
4px 4px #221962; box-shadow:4px 4px 4px  
4px #221962 }
```

Background

The CSS property to change the background color of an element to Hex 221962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221962 }
```

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

```
.background{ background-color:#221962 }
```

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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