

Converting Colors

Hex(22175D)

Have a look what the booklet for
Hex(22175D) contains.

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Color

Hex(22175D)

Conversions

Conversions Part 1

Format	Color
Hex	22175D
RGB	34, 23, 93
RGB Percent	13%, 9%, 36%
CMY	0.8667, 0.9098, 0.6353
CMYK	0.63, 0.75, 0.00, 0.64
HSL	249°, 60%, 23%
HSV	249°, 75%, 36%
XYZ	2.9419, 1.7432, 10.5373
YIQ	34.2690, -15.9140, 24.1020

Conversions

Conversions Part 2

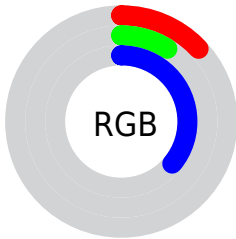
Format	Color
RYB	34, 23, 93
Decimal	2234205
CIELab	14.08, 27.34, -39.97
CIELCh	14, 48.425, 304.379
Yxy	1.7432, 0.1933, 0.1145
Android (android.graphics.Color)	4280424285 (0xFF22175D)
YUV	34.2690, 28.9544, -0.2359
Hunter-Lab	13.2030, 16.6679, -38.0774




Details

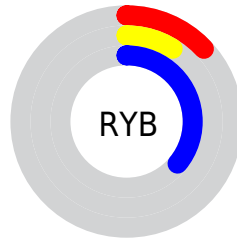
The Hex color **22175D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **525D17**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **564390**, and **00022E** is the 20% darker color. If you saturate the color by 10%, you get **1A0E5D**, and if you desaturate by 10%, it is **2A205D**.

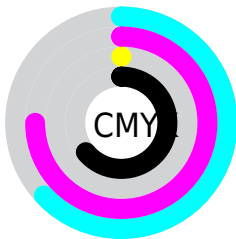
Distribution







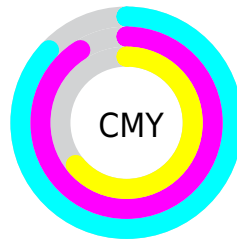
-  Red (13%)
-  Green (9%)
-  Blue (36%)






-  Red (13%)
-  Yellow (9%)
-  Blue (36%)



-  Cyan (63%)
-  Magenta (75%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (91%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22175D 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 22175D by changing the saturation by 10% instead.

■ 22175D

■ 22175D

■ FFFCFF

■ 040045

■ 564390

■ 00022E

■ 715BAB

■ 000118

■ 8B74C7

■ 000000

■ A78DE3

■ C3A8FF

■ DFC3FF

■ FCDFFF

■ 22175D

■ 22175D

■ 1A0E5D

■ 2A205D

■ 12045D

■ 322A5D

■ 0F005D

■ 3A335D

■ 413C5D

■ 49465D

■ 514F5D

■ 59585D

■ 61615D

■ 696B5D

Harmonies

Analogous

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



002869



22175D



4E0042

Triad

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



22175D



441500



003128

Complementary

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



22175D



525D17

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.



002F00



22175D



292400

Square

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



22175D



560000



002C00



00314A

Rectangle

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



22175D



59002C



002C00



00311C

Sweetspot

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



22175D



615C78



17525D



2F2C3D



BDBDBD



3D3D3D

Same Dimension

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



22175D



1D0C78



45175D



2A292E



11006E



2500ED

Inverse Universe

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



5D1752



780C67



2F5D17



2E292D



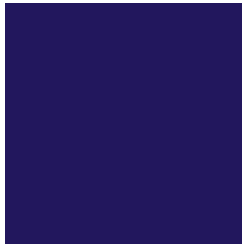
6E005C



ED00C8

Previews

White Background



This preview shows how the Hex color 22175D looks on a white background.

Color Contrast Check

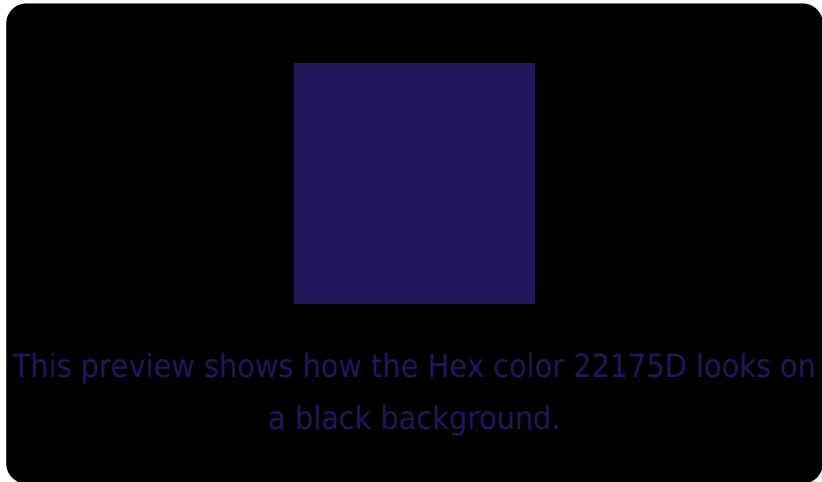
Large Text (above 18pt) WCAG AA ✓ Pass

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

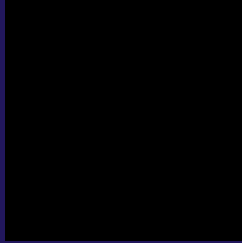
Any Text WCAG AA × Fail

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 22175D Background



This preview shows how black text looks on a background with the Hex color 22175D.



This preview shows how white text looks on a background with the Hex color 22175D.

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
22175D

Protanopia
00234B

Deuteranopia
002640

Trichromacy



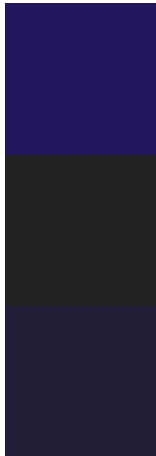
Original Color
22175D

Protanomaly
0C1F52

Deuteranomaly
0C214B

Tritanomaly
0C223E

Monochromacy



Original Color
22175D

Achromatopsia
222222

Achromatomaly
221E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 22175D 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 #22175D looks like.

```
.text, #text, p{  
    color:#22175D  
}
```

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 #22175D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22175D
}
```

Border

The CSS property to change the border of an element to Hex 22175D is called "border". The border property can be set on classes, ids or directly on the HTML element.

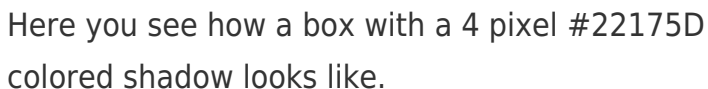
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22175D }
```

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

```
.border{ border-color:#22175D }
```

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



Here you see how a box with a 4 pixel #22175D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22175D; -webkit-box-shadow:4px 4px  
4px 4px #22175D; box-shadow:4px 4px 4px  
4px #22175D }
```

Background

The CSS property to change the background color of an element to Hex 22175D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22175D }
```

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

```
.background{ background-color:#22175D }
```

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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