

Converting Colors

Hex(22194D)

Have a look what the booklet for
Hex(22194D) contains.

Hex(22194D)	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(22194D)

Conversions

Conversions Part 1

Format	Color
Hex	22194D
RGB	34, 25, 77
RGB Percent	13%, 10%, 30%
CMY	0.8667, 0.9020, 0.6980
CMYK	0.56, 0.68, 0.00, 0.70
HSL	250°, 51%, 20%
HSV	250°, 68%, 30%
XYZ	2.3469, 1.5712, 7.2007
YIQ	33.6190, -11.3280, 18.0800

Conversions

Conversions Part 2

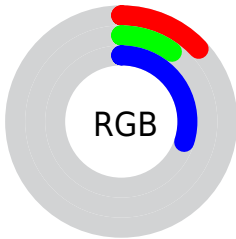
Format	Color
R_{YB}	34, 25, 77
Decimal	2234701
CIE _{Lab}	13.05, 20.37, -30.79
CIE _{LCh}	13, 36.914, 303.486
Yxy	1.5712, 0.2111, 0.1413
Android (android.graphics.Color)	4280424781 (0xFF22194D)
YUV	33.6190, 21.3868, 0.3341
Hunter-Lab	12.5346, 11.4852, -25.2861

Details

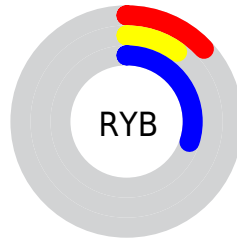
The Hex color **22194D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **444D19**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **53457F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **1C114D**, and if you desaturate by 10%, it is **28214D**.

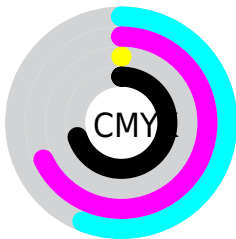
Distribution



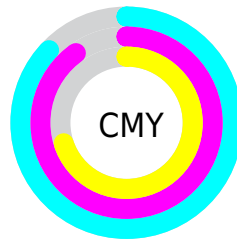
- Red (13%)
- Green (10%)
- Blue (30%)



- Red (13%)
- Yellow (10%)
- Blue (30%)



- Cyan (56%)
- Magenta (68%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (90%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22194D 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 22194D by changing the saturation by 10% instead.

■ 22194D

■ 22194D

■ FFFDFF

■ 0C0036

■ 53457F

■ 000220

■ 6C5C99

■ 000004

■ 8675B4

■ 000000

■ A18FCF

■ BDA9EC

■ D9C4FF

■ F6E0FF

■ 22194D

■ 22194D

■ 1C114D

■ 28214D

■ 150A4D

■ 2F284D

■ 0F024D

■ 35304D

■ 0D004D

■ 3B384D

■ 423F4D

■ 48474D

■ 4F4F4D

■ 55574D

■ 5B5E4D

Harmonies

Analogous

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



002456



22194D



410639

Triad

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



22194D



3D1700



002C24

Complementary

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



22194D



444D19

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.



002B05



22194D



282200

Square

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



22194D



4A0500



0E2800



002C3E

Rectangle

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



22194D



4B0028



0E2800



002C1B

Sweetspot

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



22194D



535063



19444D



292733



B3B3B3



333333

Same Dimension

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



22194D



211363



3C194D



232226



120066



2800E6

Inverse Universe

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



4D1944



631356



2A4D19



262226



660054



E600BE

Previews

White Background



This preview shows how the Hex color 22194D looks on a white background.

Color Contrast Check

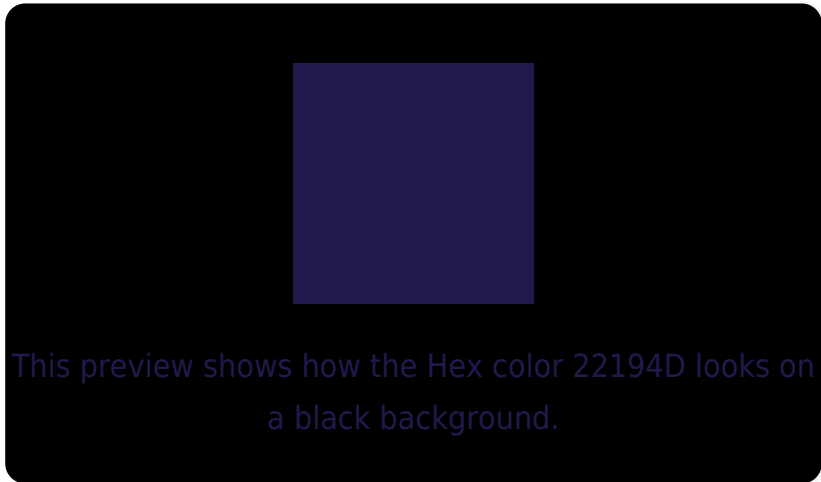
Large Text (above 18pt) WCAG AA ✓ Pass

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

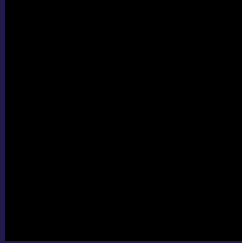
Any Text WCAG AA × Fail

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 22194D Background



This preview shows how black text looks on a background with the Hex color 22194D.



This preview shows how white text looks on a background with the Hex color 22194D.

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
22194D

Protanopia
002146

Deuteranopia
00233C



Tritanopia
142528

Trichromacy



Original Color
22194D

Protanomaly
0C1E49

Deuteranomaly
0C1F42

Tritanomaly
192135

Monochromacy



Original Color
22194D

Achromatopsia
222222

Achromatomaly
221F32

CSS Examples

Text

The CSS property to change the color of the text to Hex 22194D 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 #22194D looks like.

```
.text, #text, p{  
    color:#22194D  
}
```

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 #22194D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22194D
}
```

Border

The CSS property to change the border of an element to Hex 22194D is called "border". The border property can be set on classes, ids or directly on the HTML element.

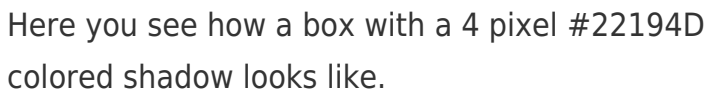
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22194D }
```

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

```
.border{ border-color:#22194D }
```

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



Here you see how a box with a 4 pixel #22194D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22194D; -webkit-box-shadow:4px 4px  
4px 4px #22194D; box-shadow:4px 4px 4px  
4px #22194D }
```

Background

The CSS property to change the background color of an element to Hex 22194D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22194D }
```

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

```
.background{ background-color:#22194D }
```

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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