

Converting Colors

Hex(22244E)

Have a look what the booklet for
Hex(22244E) contains.

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Color

Hex(22244E)

Conversions

Conversions Part 1

Format	Color
Hex	22244E
RGB	34, 36, 78
RGB Percent	13%, 14%, 31%
CMY	0.8667, 0.8588, 0.6941
CMYK	0.56, 0.54, 0.00, 0.69
HSL	237°, 39%, 22%
HSV	237°, 56%, 31%
XYZ	2.6657, 2.1519, 7.4826
YIQ	40.1900, -14.6740, 12.6380

Conversions

Conversions Part 2

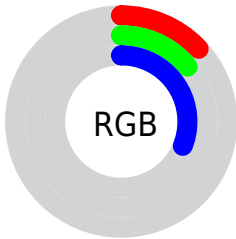
Format	Color
R_{YB}	34, 36, 78
Decimal	2237518
CIE _{Lab}	16.26, 12.84, -26.29
CIE _{LCh}	16, 29.259, 296.029
Yxy	2.1519, 0.2167, 0.1749
Android (android.graphics.Color)	4280427598 (0xFF22244E)
YUV	40.1900, 18.6403, -5.4286
Hunter-Lab	14.6693, 6.7657, -19.9743

Details

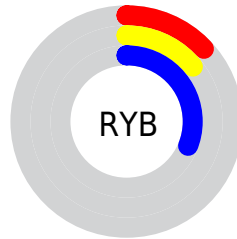
The Hex color **22244E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E4C22**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **52507F**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **1A1D4E**, and if you desaturate by 10%, it is **2A2B4E**.

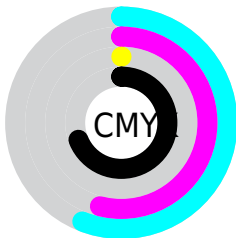
Distribution



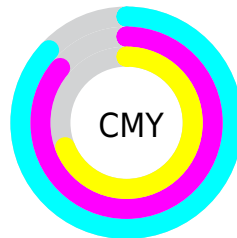
- Red (13%)
- Green (14%)
- Blue (31%)



- Red (13%)
- Yellow (14%)
- Blue (31%)



- Cyan (56%)
- Magenta (54%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22244E 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 22244E by changing the saturation by 10% instead.

■ 22244E

■ 22244E

FFFFFF

■ 091037

■ 52507F

■ 000221

■ 6B689A

■ 000006

■ 8582B5

■ 000000

■ A09CD0

■ BBB6ED

■ D7D2FF

■ F4EEFF

■ 22244E

■ 22244E

■ 1A1D4E

■ 2A2B4E

■ 12154E

■ 32334E

■ 0B0E4E

■ 393A4E

■ 03064E

■ 41424E

■ 00044E

■ 49494E

■ 51514E

■ 59584E

■ 60604E

■ 68674E

Harmonies

Analogous

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



002C52



22244E



3F1A40

Triad

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



22244E



441E00



003225

Complementary

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



22244E



4E4C22

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.



00300F



22244E



352600

Square

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



22244E



4C1517



222C00



00323A

Rectangle

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



22244E



491433



222C00



00311E

Sweetspot

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



22244E



555566



224E4C



292933



B3B3B3



333333

Same Dimension

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



22244E



212466



36224E



222326



000566



000AE6

Inverse Universe

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



4E2224



662124



3A4E22



262223



660005



E6000A

Previews

White Background



This preview shows how the Hex color 22244E looks on a white background.

Color Contrast Check

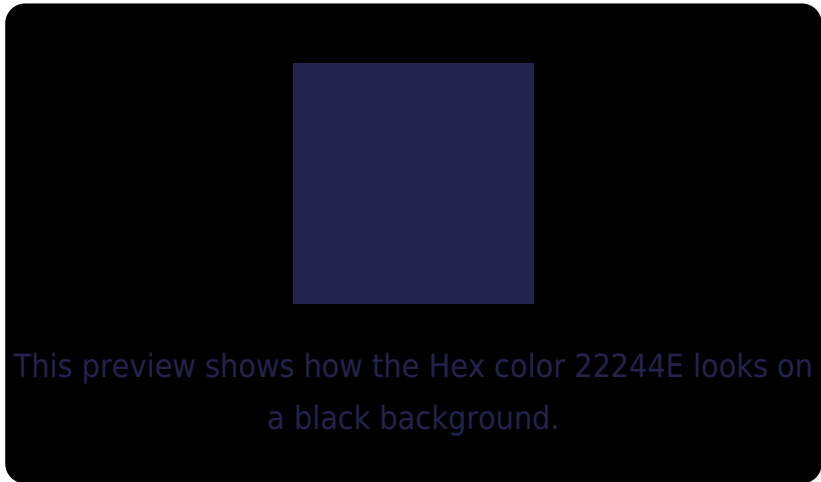
Large Text (above 18pt) WCAG AA ✓ Pass

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

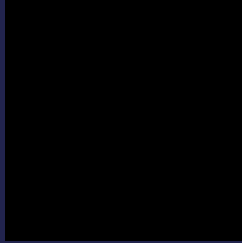
Any Text WCAG AA × Fail

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 22244E Background



This preview shows how black text looks on a background with the Hex color 22244E.



This preview shows how white text looks on a background with the Hex color 22244E.

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
22244E

Protanopia
0B2751

Deuteranopia
002949



Tritanopia
162C2F

Trichromacy



Original Color
22244E

Protanomaly
132650

Deuteranomaly
0C274B

Tritanomaly
1A293A

Monochromacy



Original Color
22244E

Achromatopsia
282828

Achromatomaly
262736

CSS Examples

Text

The CSS property to change the color of the text to Hex 22244E 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 #22244E looks like.

```
.text, #text, p{  
    color:#22244E  
}
```

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 #22244E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22244E
}
```

Border

The CSS property to change the border of an element to Hex 22244E 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
#22244E }
```

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

```
.border{ border-color:#22244E }
```

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

Here you see how a box with a 4 pixel #22244E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22244E; -webkit-box-shadow:4px 4px  
4px 4px #22244E; box-shadow:4px 4px 4px  
4px #22244E }
```

Background

The CSS property to change the background color of an element to Hex 22244E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22244E }
```

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

```
.background{ background-color:#22244E }
```

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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