

Converting Colors

Hex(232E6F)

Have a look what the booklet for
Hex(232E6F) contains.

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Color

Hex(232E6F)

Conversions

Conversions Part 1

Format	Color
Hex	232E6F
RGB	35, 46, 111
RGB Percent	14%, 18%, 44%
CMY	0.8627, 0.8196, 0.5647
CMYK	0.68, 0.59, 0.00, 0.56
HSL	231°, 52%, 29%
HSV	231°, 68%, 44%
XYZ	4.5394, 3.4590, 15.4673
YIQ	50.1210, -27.4210, 17.8830

Conversions

Conversions Part 2

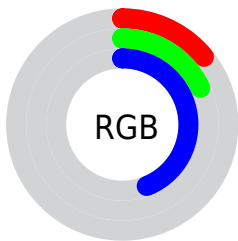
Format	Color
R_{YB}	35, 45, 111
Decimal	2305647
CIE _{Lab}	21.80, 18.50, -39.19
CIE _{LCh}	22, 43.336, 295.264
Yxy	3.4590, 0.1934, 0.1474
Android (android.graphics.Color)	4280495727 (0xFF232E6F)
YUV	50.1210, 30.0133, -13.2611
Hunter-Lab	18.5984, 11.0198, -36.2895

Details

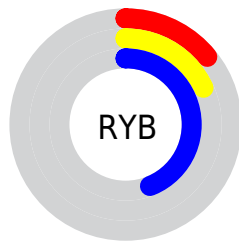
The Hex color **232E6F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F6423**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **595CA3**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **18256F**, and if you desaturate by 10%, it is **2E376F**.

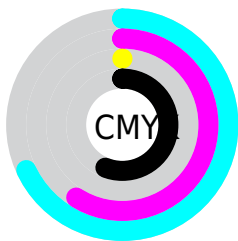
Distribution



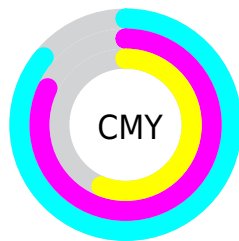
- Red (14%)
- Green (18%)
- Blue (44%)



- Red (14%)
- Yellow (18%)
- Blue (44%)



- Cyan (68%)
- Magenta (59%)
- Yellow (0%)
- Black (56%)



- Cyan (86%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232E6F 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 232E6F by changing the saturation by 10% instead.

■ 232E6F

■ 232E6F

FFFFFF

■ 001A56

■ 595CA3

■ 00003F

■ 7474BF

■ 000328

■ 8F8EDB

■ 000111

■ ABA8F7

■ 000000

■ C7C3FF

■ E3DFFF

■ FFFCFF

■ 232E6F

■ 232E6F

■ 18256F

■ 2E376F

■ 0D1B6F

■ 39416F

■ 02126F

■ 444A6F

■ 00106F

■ 4F546F

■ 5B5D6F

■ 66676F

■ 71706F

■ 7C7A6F

■ 87836F

Harmonies

Analogous

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



003A75



232E6F



551C59

Triad

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



232E6F



5D2200



00412E

Complementary

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



232E6F



6F6423

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.



003F0B



232E6F



463100

Square

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



232E6F



6A0F1B



283A00



00424F

Rectangle

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



232E6F



640D45



283A00



004123

Sweetspot

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



232E6F



737791



236F64



373A4A



C9C9C9



4A4A4A

Same Dimension

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



232E6F



1A2B91



3E236F



323338



001178



0024F7

Inverse Universe

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



6F232E



911A2B



546F23



383233



780011



F70024

Previews

White Background



This preview shows how the Hex color 232E6F looks on a white background.

Color Contrast Check

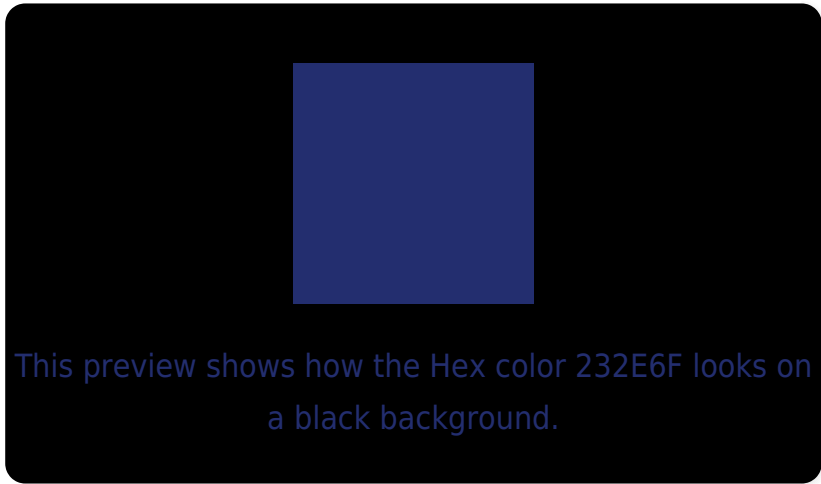
Large Text (above 18pt) WCAG AA ✓ Pass

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

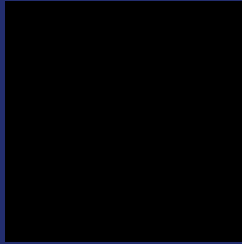
Any Text WCAG AA × Fail

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 232E6F Background



This preview shows how black text looks on a background with the Hex color 232E6F.



This preview shows how white text looks on a background with the Hex color 232E6F.

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
232E6F

Protanopia
00326B

Deuteranopia
00365C



Tritanopia
003A3F

Trichromacy



Original Color
232E6F

Protanomaly
0D316C

Deuteranomaly
0D3363

Tritanomaly
0D3650

Monochromacy



Original Color
232E6F

Achromatopsia
323232

Achromatomaly
2D3148

CSS Examples

Text

The CSS property to change the color of the text to Hex 232E6F 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 #232E6F looks like.

```
.text, #text, p{  
    color:#232E6F  
}
```

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 #232E6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232E6F
}
```

Border

The CSS property to change the border of an element to Hex 232E6F 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
#232E6F }
```

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

```
.border{ border-color:#232E6F }
```

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

Here you see how a box with a 4 pixel #232E6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232E6F; -webkit-box-shadow:4px 4px  
4px 4px #232E6F; box-shadow:4px 4px 4px  
4px #232E6F }
```

Background

The CSS property to change the background color of an element to Hex 232E6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232E6F }
```

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

```
.background{ background-color:#232E6F }
```

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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