

Converting Colors

Hex(232E5D)

Have a look what the booklet for
Hex(232E5D) contains.

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Color

Hex(232E5D)

Conversions

Conversions Part 1

Format	Color
Hex	232E5D
RGB	35, 46, 93
RGB Percent	14%, 18%, 36%
CMY	0.8627, 0.8196, 0.6353
CMYK	0.62, 0.51, 0.00, 0.64
HSL	229°, 45%, 25%
HSV	229°, 62%, 36%
XYZ	3.6459, 3.1016, 10.7624
YIQ	48.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

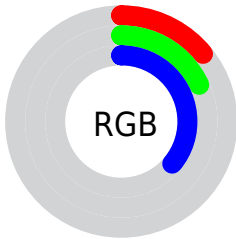
Format	Color
R_{YB}	35, 44, 93
Decimal	2305629
CIE _{Lab}	20.45, 11.53, -29.63
CIE _{LCh}	20, 31.798, 291.260
Yxy	3.1016, 0.2082, 0.1771
Android (android.graphics.Color)	4280495709 (0xFF232E5D)
YUV	48.0690, 22.1510, -11.4615
Hunter-Lab	17.6114, 6.1330, -23.9044

Details

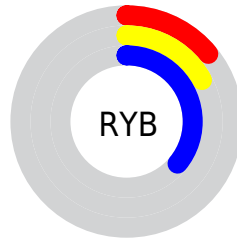
The Hex color **232E5D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D5223**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **555B90**, and **00002F** is the 20% darker color. If you saturate the color by 10%, you get **1A265D**, and if you desaturate by 10%, it is **2C365D**.

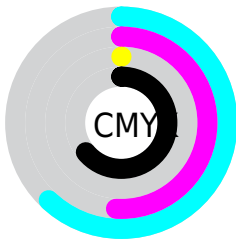
Distribution



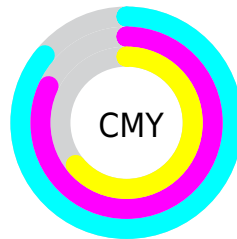
- Red (14%)
- Green (18%)
- Blue (36%)



- Red (14%)
- Yellow (17%)
- Blue (36%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232E5D 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 232E5D by changing the saturation by 10% instead.

■ 232E5D

■ 232E5D

FFFFFF

■ 051A45

■ 555B90

■ 00002F

■ 6F74AA

■ 000119

■ 898EC6

■ 000000

■ A4A8E2

■ C0C3FF

■ DCDFFF

■ F9FCFF

■ 232E5D

■ 232E5D

■ 1A265D

■ 2C365D

■ 101F5D

■ 363D5D

■ 07175D

■ 3F455D

■ 00125D

■ 484C5D

■ 52545D

■ 5B5B5D

■ 64635D

■ 6D6A5D

■ 77725D

Harmonies

Analogous

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



00365F



232E5D



47234F

Triad

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



232E5D



52240C



003C29

Complementary

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



232E5D



5D5223

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.



0D3912



232E5D



432E00

Square

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



232E5D



5B1B22



2D3500



003C42

Rectangle

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



232E5D



531D41



2D3500



003B21

Sweetspot

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



232E5D



616578



235D51



2F323D



BDBDBD



3D3D3D

Same Dimension

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



232E5D



1E2F78



34235D



292A2E



00156E



002DED

Inverse Universe

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



5D232E



781E2F



4C5D23



2E292A



6E0015



ED002D

Previews

White Background



This preview shows how the Hex color 232E5D looks on a white background.

Color Contrast Check

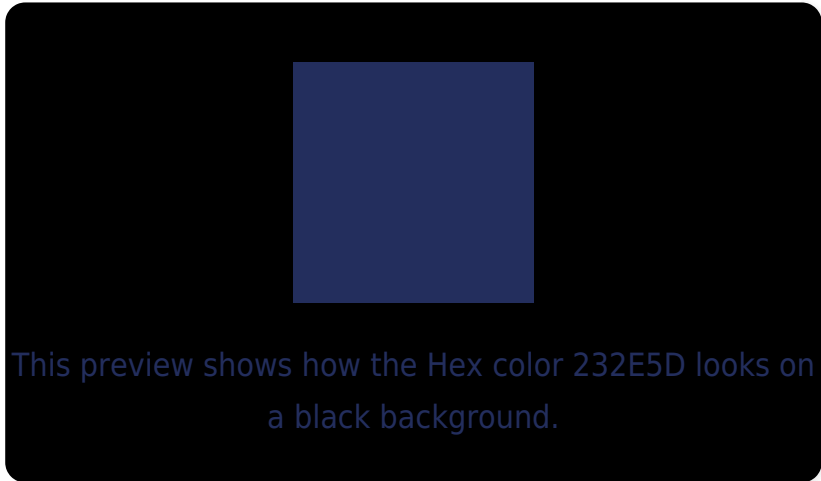
Large Text (above 18pt) WCAG AA ✓ Pass

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 232E5D Background



This preview shows how black text looks on a background with the Hex color 232E5D.



This preview shows how white text looks on a background with the Hex color 232E5D.

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](#).

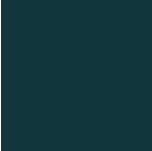
Dichromacy



Original Color
232E5D

Protanopia
16305F

Deuteranopia
003259



Tritanopia
11363B

Trichromacy



Original Color
232E5D

Protanomaly
1B2F5E

Deuteranomaly
0D315A

Tritanomaly
183347

Monochromacy



Original Color
232E5D

Achromatopsia
303030

Achromatomaly
2B2F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 232E5D 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 #232E5D looks like.

```
.text, #text, p{  
    color:#232E5D  
}
```

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 #232E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232E5D
}
```

Border

The CSS property to change the border of an element to Hex 232E5D 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
#232E5D }
```

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

```
.border{ border-color:#232E5D }
```

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

Here you see how a box with a 4 pixel #232E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232E5D; -webkit-box-shadow:4px 4px  
4px 4px #232E5D; box-shadow:4px 4px 4px  
4px #232E5D }
```

Background

The CSS property to change the background color of an element to Hex 232E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232E5D }
```

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

```
.background{ background-color:#232E5D }
```

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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