

Converting Colors

Hex(25272E)

Have a look what the booklet for
Hex(25272E) contains.

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Color

Hex(25272E)

Conversions

Conversions Part 1

Format	Color
Hex	25272E
RGB	37, 39, 46
RGB Percent	15%, 15%, 18%
CMY	0.8549, 0.8471, 0.8196
CMYK	0.20, 0.15, 0.00, 0.82
HSL	227°, 11%, 16%
HSV	227°, 20%, 18%
XYZ	1.9816, 2.0416, 2.8744
YIQ	39.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

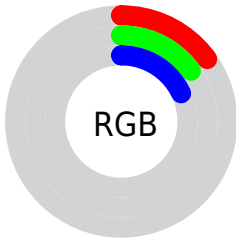
Format	Color
R_{YB}	37, 39, 46
Decimal	2434862
CIE Lab	15.70, 0.96, -4.89
CIE LCh	16, 4.982, 281.093
Yxy	2.0416, 0.2873, 0.2960
Android (android.graphics.Color)	4280624942 (0xFF25272E)
YUV	39.2000, 3.3524, -1.9294
Hunter-Lab	14.2885, -0.2494, -1.9253

Details

The Hex color **25272E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E2C25**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **52545C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20232E**, and if you desaturate by 10%, it is **2A2B2E**.

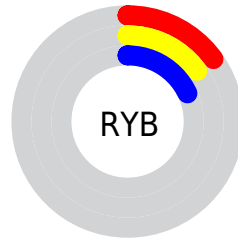
Distribution



Red (15%)

Green (15%)

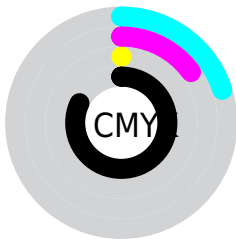
Blue (18%)



Red (15%)

Yellow (15%)

Blue (18%)

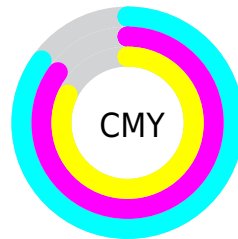


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (82%)



Cyan (85%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25272E 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 25272E by changing the saturation by 10% instead.

■ 25272E

■ 25272E

FFFFFF

■ 101219

■ 52545C

■ 000000

■ 6A6C74

■ 83858E

■ 9D9FA8

■ B8BAC3

■ D4D6DF

■ F0F2FC

■ 25272E

■ 25272E

■ 20232E

■ 2A2B2E

■ 1C202E

■ 2E2E2E

■ 171C2E

■ 33322E

■ 13192E

■ 37352E

■ 0E152E

■ 3C392E

■ 09122E

■ 413C2E

■ 050E2E

■ 45402E

■ 000A2E

■ 4A442E

■ 4E472E

Harmonies

Analogous

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



21282E



25272E



29262C

Triad

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



25272E



2E2523



212925

Complementary

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



25272E



2E2C25

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.



252822



25272E



2C2621

Square

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



25272E



2F2526



292720



1E2928

Rectangle

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



25272E



2C252B



292720



222924

Sweetspot

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



25272E



37383B



252E2C



1C1D1F



9E9E9E



1F1F1F

Same Dimension

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



25272E



2D303B



27252E



151517



001357



0030D6

Inverse Universe

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



2E2527



3B2D30



2C2E25



171515



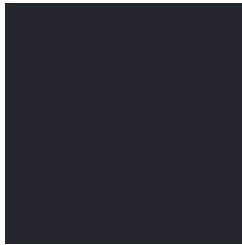
570013



D60030

Previews

White Background



This preview shows how the Hex color 25272E looks on a white background.

Color Contrast Check

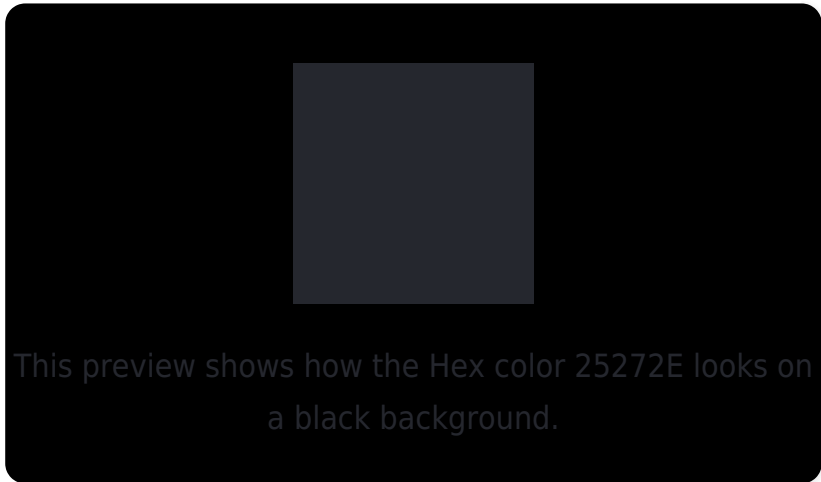
Large Text (above 18pt) WCAG AA ✓ Pass

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

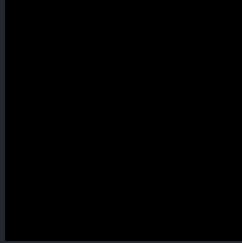
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

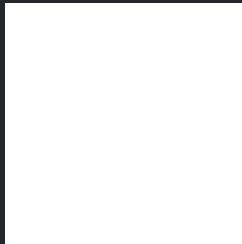
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 25272E Background



This preview shows how black text looks on a background with the Hex color 25272E.



This preview shows how white text looks on a background with the Hex color 25272E.

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
25272E

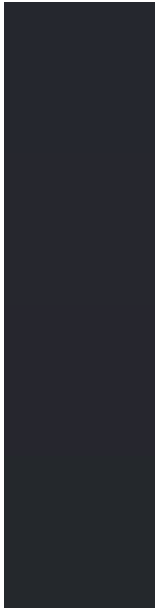
Protanopia
26272E

Deuteranopia
27262E



Tritanopia
24282B

Trichromacy



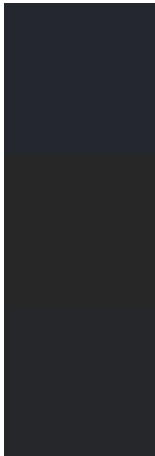
Original Color
25272E

Protanomaly
26272E

Deuteranomaly
26262E

Tritanomaly
24282C

Monochromacy



Original Color
25272E

Achromatopsia
272727

Achromatomaly
26272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25272E 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 #25272E looks like.

```
.text, #text, p{  
    color:#25272E  
}
```

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 #25272E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25272E
}
```

Border

The CSS property to change the border of an element to Hex 25272E is called "border". The border property can be set on classes, ids or directly on the HTML element.

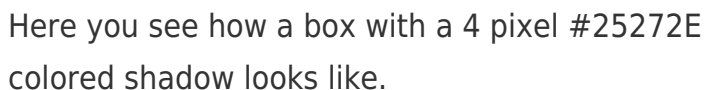
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25272E }
```

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

```
.border{ border-color:#25272E }
```

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



Here you see how a box with a 4 pixel #25272E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25272E; -webkit-box-shadow:4px 4px  
4px 4px #25272E; box-shadow:4px 4px 4px  
4px #25272E }
```

Background

The CSS property to change the background color of an element to Hex 25272E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25272E }
```

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

```
.background{ background-color:#25272E }
```

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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