

Converting Colors

Hex(232927)

Have a look what the booklet for
Hex(232927) contains.

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Color

Hex(232927)

Conversions

Conversions Part 1

Format	Color
Hex	232927
RGB	35, 41, 39
RGB Percent	14%, 16%, 15%
CMY	0.8627, 0.8392, 0.8471
CMYK	0.15, 0.00, 0.05, 0.84
HSL	160°, 8%, 15%
HSV	160°, 15%, 16%
XYZ	1.8523, 2.0897, 2.2252
YIQ	38.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

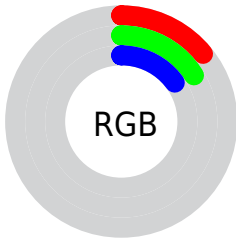
Format	Color
RYB	35, 39, 41
Decimal	2304295
CIELab	15.95, -3.17, 0.41
CIELCh	16, 3.193, 172.667
Yxy	2.0897, 0.3003, 0.3388
Android (android.graphics.Color)	4280494375 (0xFF232927)
YUV	38.9780, 0.0108, -3.4887
Hunter-Lab	14.4557, -2.4255, 0.9925

Details

The Hex color **232927** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292325**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4F5654**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F2926**, and if you desaturate by 10%, it is **272928**.

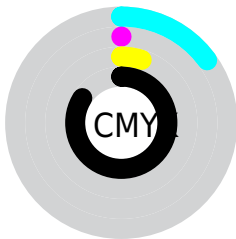
Distribution



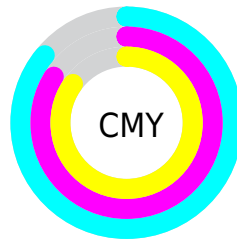
- Red (14%)
- Green (16%)
- Blue (15%)



- Red (14%)
- Yellow (15%)
- Blue (16%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (84%)



- Cyan (86%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232927 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 232927 by changing the saturation by 10% instead.

■ 232927

■ 232927

FFFFFF

■ 0E1512

■ 4F5654

■ 000000

■ 676E6C

■ 808885

■ 9AA29F

■ B5BDBA

■ D1D9D6

■ EDF5F2

■ 232927

■ 232927

■ 1F2926

■ 272928

■ 1B2924

■ 2B292A

■ 172923

■ 2F292B

■ 132922

■ 33292C

■ 0F2920

■ 38292E

■ 0A291F

■ 3C292F

■ 06291D

■ 402931

■ 02291C

■ 442932

■ 00291B

■ 482933

Harmonies

Analogous

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



252925



232927



222929

Triad

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



232927



27272C



2C2724

Complementary

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



232927



292325

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.



2D2626



232927



2A272A

Square

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



232927



25282C



2C2628



2A2723

Rectangle

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



232927



22292B



2C2628



2C2625

Sweetspot

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



232927



333635



252923



1B1C1C



9C9C9C



1C1C1C

Same Dimension

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



232927



2C3632



232829



121414



005438



00D48D

Inverse Universe

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



292325



362C2F



292423



141213



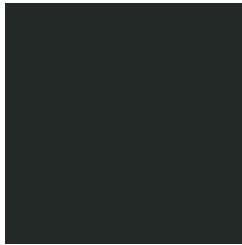
54001C



D40047

Previews

White Background



This preview shows how the Hex color 232927 looks on a white background.

Color Contrast Check

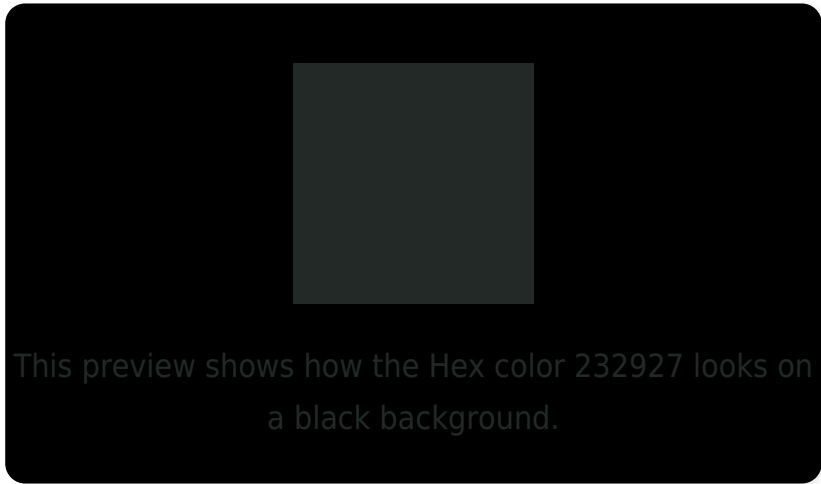
Large Text (above 18pt) WCAG AA ✓ Pass

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

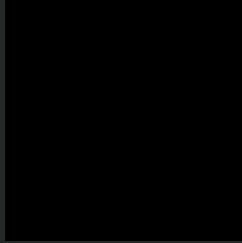
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

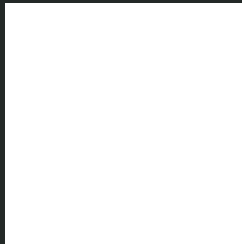
Any Text WCAG AAA × Fail

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

Hex 232927 Background



This preview shows how black text looks on a background with the Hex color 232927.

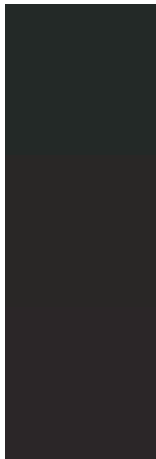


This preview shows how white text looks on a background with the Hex color 232927.

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
232927

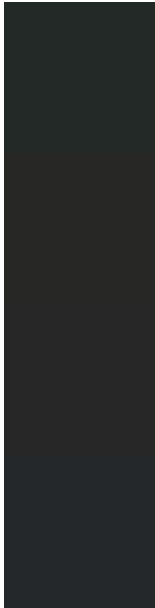
Protanopia
292726

Deuteranopia
2B2628



Tritanopia
24282C

Trichromacy



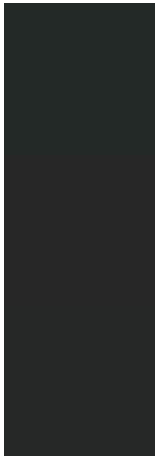
Original Color
232927

Protanomaly
272826

Deuteranomaly
282728

Tritanomaly
24282A

Monochromacy



Original Color
232927

Achromatopsia
272727

Achromatomaly
262827

CSS Examples

Text

The CSS property to change the color of the text to Hex 232927 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 #232927 looks like.

```
.text, #text, p{  
    color:#232927  
}
```

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 #232927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232927
}
```

Border

The CSS property to change the border of an element to Hex 232927 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
#232927 }
```

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

```
.border{ border-color:#232927 }
```

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

Here you see how a box with a 4 pixel #232927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232927; -webkit-box-shadow:4px 4px  
4px 4px #232927; box-shadow:4px 4px 4px  
4px #232927 }
```

Background

The CSS property to change the background color of an element to Hex 232927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232927 }
```

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

```
.background{ background-color:#232927 }
```

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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