

Converting Colors

Hex(232821)

Have a look what the booklet for
Hex(232821) contains.

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Color

Hex(232821)

Conversions

Conversions Part 1

Format	Color
Hex	232821
RGB	35, 40, 33
RGB Percent	14%, 16%, 13%
CMY	0.8627, 0.8431, 0.8706
CMYK	0.13, 0.00, 0.18, 0.84
HSL	103°, 10%, 14%
HSV	103°, 17%, 16%
XYZ	1.7264, 1.9847, 1.7309
YIQ	37.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

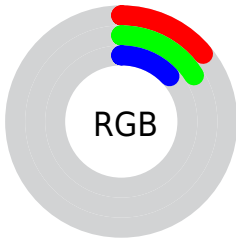
Format	Color
RYB	33, 40, 38
Decimal	2304033
CIELab	15.41, -3.94, 3.86
CIElCh	15, 5.517, 135.582
Yxy	1.9847, 0.3172, 0.3647
Android (android.graphics.Color)	4280494113 (0xFF232821)
YUV	37.7070, -2.3206, -2.3740
Hunter-Lab	14.0880, -2.7793, 2.5769

Details

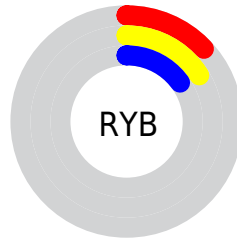
The Hex color **232821** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262128**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4F554D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20281D**, and if you desaturate by 10%, it is **262825**.

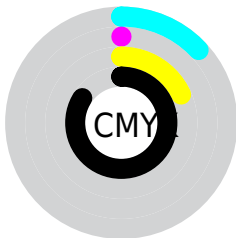
Distribution



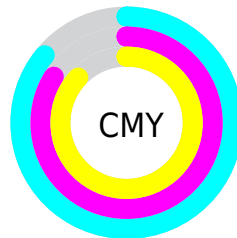
- Red (14%)
- Green (16%)
- Blue (13%)



- Red (13%)
- Yellow (16%)
- Blue (15%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (84%)



- Cyan (86%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232821 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 232821 by changing the saturation by 10% instead.

■ 232821

■ 232821

FFFFFF

■ 0E140A

■ 4F554D

■ 000000

■ 676D65

■ 80877E

■ 9AA198

■ B5BCB3

■ D1D7CE

■ EDF4EA

■ 232821

■ 232821

■ 20281D

■ 262825

■ 1D2819

■ 292829

■ 1A2815

■ 2C282D

■ 182811

■ 2E2831

■ 15280D

■ 312835

■ 122809

■ 342839

■ 0F2805

■ 37283D

■ 0C2801

■ 3A2841

■ 0B2800

■ 3D2845

Harmonies

Analogous

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



27271F



232821



1F2924

Triad

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



232821



20272E



2F2425

Complementary

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



232821



262128

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.



2D2429



232821



25262E

Square

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



232821



1D282C



2A252C



2E2421

Rectangle

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



232821



1D2927



2A252C



2F2426

Sweetspot

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



232821



313330



282621



181A18



999999



1A1A1A

Same Dimension

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



232821



2B3328



212822



131412



185400



3CD400

Inverse Universe

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



262128



302833



282127



141214



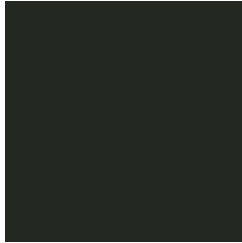
3C0054



9700D4

Previews

White Background



This preview shows how the Hex color 232821 looks on a white background.

Color Contrast Check

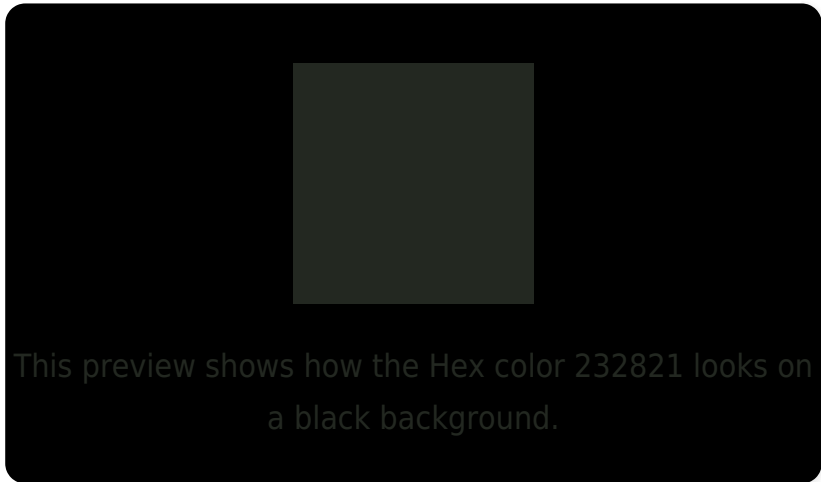
Large Text (above 18pt) WCAG AA ✓ Pass

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

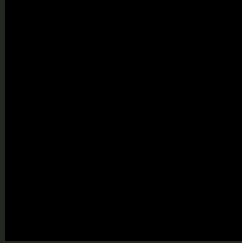
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

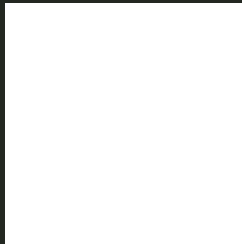
Any Text WCAG AAA × Fail

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

Hex 232821 Background



This preview shows how black text looks on a background with the Hex color 232821.



This preview shows how white text looks on a background with the Hex color 232821.

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](#).

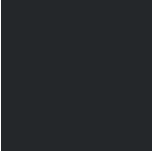
Dichromacy



Original Color
232821

Protanopia
292620

Deuteranopia
2C2522



Tritanopia
24272A

Trichromacy



Original Color

232821

Protanomaly

272720

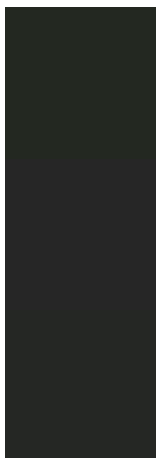
Deuteranomaly

292622

Tritanomaly

242727

Monochromacy



Original Color

232821

Achromatopsia

262626

Achromatomaly

252724

CSS Examples

Text

The CSS property to change the color of the text to Hex 232821 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 #232821 looks like.

```
.text, #text, p{  
    color:#232821  
}
```

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 #232821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232821
}
```

Border

The CSS property to change the border of an element to Hex 232821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

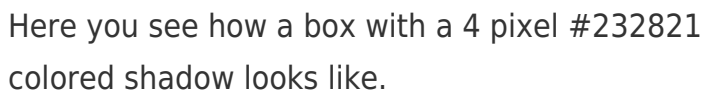
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#232821 }
```

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

```
.border{ border-color:#232821 }
```

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



Here you see how a box with a 4 pixel #232821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232821; -webkit-box-shadow:4px 4px  
4px 4px #232821; box-shadow:4px 4px 4px  
4px #232821 }
```

Background

The CSS property to change the background color of an element to Hex 232821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232821 }
```

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

```
.background{ background-color:#232821 }
```

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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