

Converting Colors

Hex(232325)

Have a look what the booklet for
Hex(232325) contains.

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Color

Hex(232325)

Conversions

Conversions Part 1

Format	Color
Hex	232325
RGB	35, 35, 37
RGB Percent	14%, 14%, 15%
CMY	0.8627, 0.8627, 0.8549
CMYK	0.05, 0.05, 0.00, 0.85
HSL	240°, 3%, 14%
HSV	240°, 5%, 15%
XYZ	1.6281, 1.6930, 1.9912
YIQ	35.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

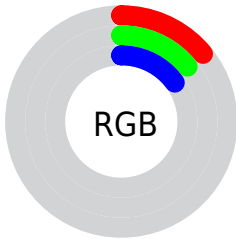
Format	Color
R_{YB}	35, 35, 37
Decimal	2302757
CIE _{Lab}	13.79, 0.50, -1.34
CIE _{LCh}	14, 1.430, 290.603
Yxy	1.6930, 0.3065, 0.3187
Android (android.graphics.Color)	4280492837 (0xFF232325)
YUV	35.2280, 0.8736, -0.2000
Hunter-Lab	13.0114, -0.4344, 0.0344

Details

The Hex color **232325** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **252523**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4F4F52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1F25**, and if you desaturate by 10%, it is **272725**.

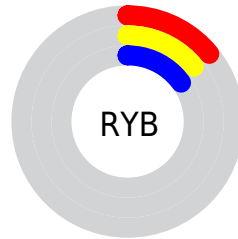
Distribution



Red (14%)

Green (14%)

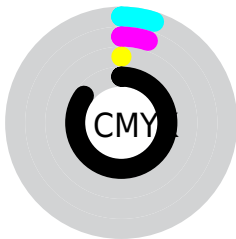
Blue (15%)



Red (14%)

Yellow (14%)

Blue (15%)

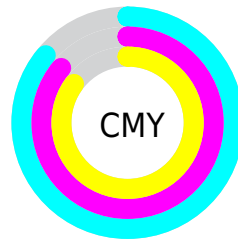


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (85%)



Cyan (86%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232325 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 232325 by changing the saturation by 10% instead.

■ 232325

■ 232325

FFFFFF

■ 0D0D10

■ 4F4F52

■ 000000

■ 67676A

■ 808083

■ 9A9A9D

■ B5B5B8

■ D1D1D3

■ EDEDFO

■ 232325

■ 232325

■ 1F1F25

■ 272725

■ 1C1C25

■ 2A2A25

■ 181825

■ 2E2E25

■ 141425

■ 323225

■ 111125

■ 363625

■ 0D0D25

■ 393925

■ 090925

■ 3D3D25

■ 050525

■ 414125

■ 020225

■ 444425

Harmonies

Analogous

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



222325



232325



242324

Triad

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



232325



252322



212423

Complementary

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



232325



252523

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.



222422



232325



242321

Square

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



232325



252322



232321



212424

Rectangle

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



232325



252324



232321



212422

Sweetspot

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



232325



2F2F30



232525



19191A



999999



1A1A1A

Same Dimension

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



232325



2E2E30



242325



111112



000052



0000D1

Inverse Universe

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



252325



302E30



242523



121112



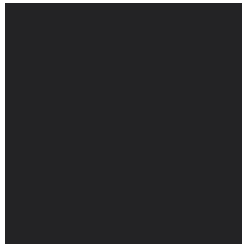
520052



D100D1

Previews

White Background



This preview shows how the Hex color 232325 looks on a white background.

Color Contrast Check

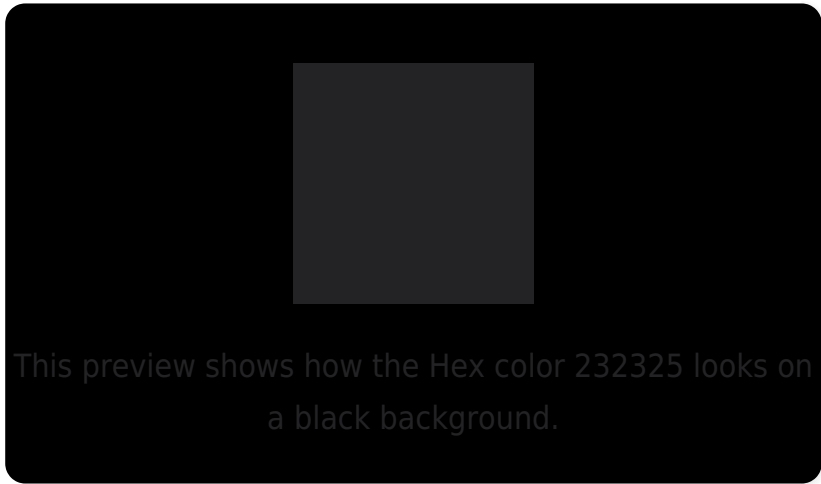
Large Text (above 18pt) WCAG AA ✓ Pass

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

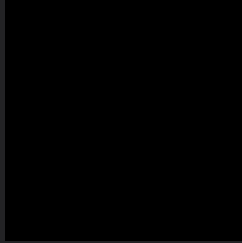
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

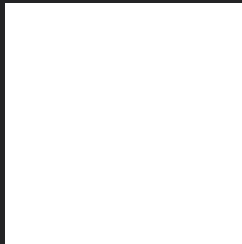
Any Text WCAG AAA × Fail

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

Hex 232325 Background



This preview shows how black text looks on a background with the Hex color 232325.

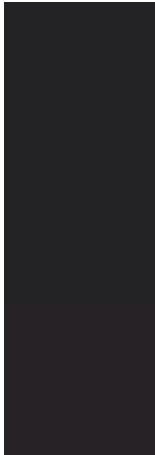


This preview shows how white text looks on a background with the Hex color 232325.

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
232325

Protanopia
232325

Deuteranopia
262225



Tritanopia
232326

Trichromacy



Original Color

232325

Protanomaly

232325

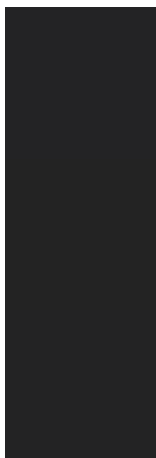
Deuteranomaly

252225

Tritanomaly

232326

Monochromacy



Original Color

232325

Achromatopsia

232323

Achromatomaly

232324

CSS Examples

Text

The CSS property to change the color of the text to Hex 232325 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 #232325 looks like.

```
.text, #text, p{  
    color:#232325  
}
```

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 #232325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232325
}
```

Border

The CSS property to change the border of an element to Hex 232325 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".

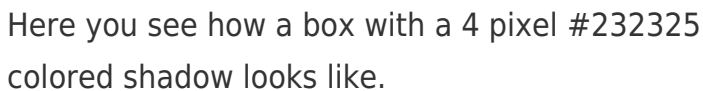
```
.border, #border, table{ border:4px solid
#232325 }
```

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

```
.border{ border-color:#232325 }
```

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

Here you see how a box with a 4 pixel #232325 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232325; -webkit-box-shadow:4px 4px  
4px 4px #232325; box-shadow:4px 4px 4px  
4px #232325 }
```

Background

The CSS property to change the background color of an element to Hex 232325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232325 }
```

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

```
.background{ background-color:#232325 }
```

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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