

Converting Colors

Hex(232124)

Have a look what the booklet for
Hex(232124) contains.

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Color

Hex(232124)

Conversions

Conversions Part 1

Format	Color
Hex	232124
RGB	35, 33, 36
RGB Percent	14%, 13%, 14%
CMY	0.8627, 0.8706, 0.8588
CMYK	0.03, 0.08, 0.00, 0.86
HSL	280°, 4%, 14%
HSV	280°, 8%, 14%
XYZ	1.5554, 1.5724, 1.8906
YIQ	33.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

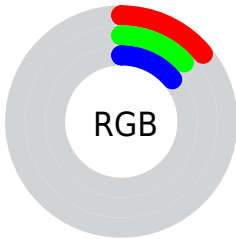
Format	Color
RYB	35, 33, 36
Decimal	2302244
CIELab	13.06, 1.68, -1.68
CIElCh	13, 2.378, 314.910
Yxy	1.5724, 0.3099, 0.3133
Android (android.graphics.Color)	4280492324 (0xFF232124)
YUV	33.9400, 1.0156, 0.9296
Hunter-Lab	12.5396, 0.1971, -0.1614

Details

The Hex color **232124** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **222421**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4F4D50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221D24**, and if you desaturate by 10%, it is **242524**.

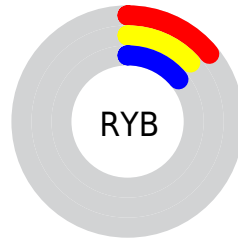
Distribution



Red (14%)

Green (13%)

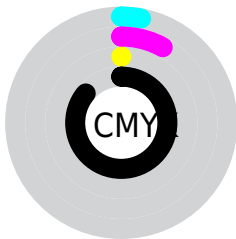
Blue (14%)



Red (14%)

Yellow (13%)

Blue (14%)

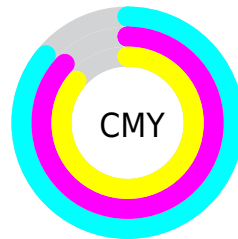


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232124 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 232124 by changing the saturation by 10% instead.

■ 232124

■ 232124

FFFFFF

■ 0D0A0F

■ 4F4D50

■ 000000

■ 676568

■ 807E82

■ 9A989C

■ B5B2B6

■ D1CED2

■ EDEAEE

■ 232124

■ 232124

■ 221D24

■ 242524

■ 211A24

■ 252824

■ 1F1624

■ 272C24

■ 1E1324

■ 282F24

■ 1D0F24

■ 293324

■ 1C0B24

■ 2A3724

■ 1B0824

■ 2B3A24

■ 190424

■ 2D3E24

■ 180124

■ 2E4124

Harmonies

Analogous

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



212225



232124



252123

Triad

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



232124



24211F



1E2322

Complementary

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



232124



222421

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.



1F2321



232124



22221E

Square

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



232124



25211F



20221F



1E2224

Rectangle

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



232124



252121



20221F



1E2322

Sweetspot

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



232124



2D2D2E



212224



171617



969696



171717

Same Dimension

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



232124



2C292E



242123



111012



360052



8B00D1

Inverse Universe

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



242122



2E292B



212422



121011



52001B



D10046

Previews

White Background



This preview shows how the Hex color 232124 looks on a white background.

Color Contrast Check

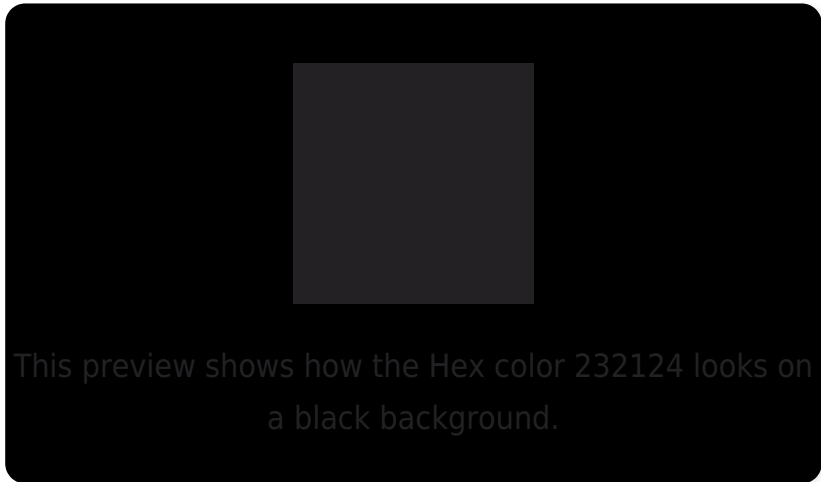
Large Text (above 18pt) WCAG AA ✓ Pass

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

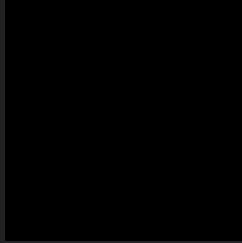
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

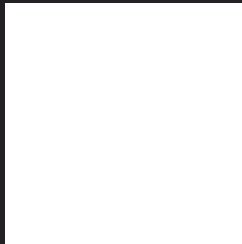
Any Text WCAG AAA × Fail

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

Hex 232124 Background



This preview shows how black text looks on a background with the Hex color 232124.



This preview shows how white text looks on a background with the Hex color 232124.

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
232124

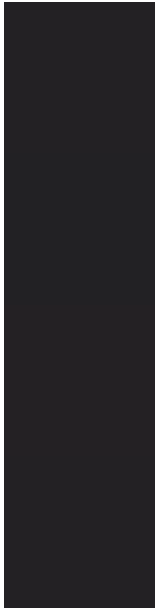
Protanopia
222124

Deuteranopia
242124



Tritanopia
232124

Trichromacy



Original Color

232124

Protanomaly

222124

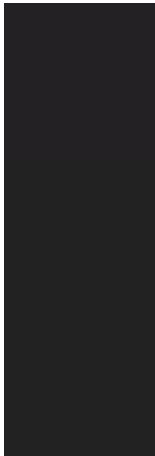
Deuteranomaly

242124

Tritanomaly

232124

Monochromacy



Original Color

232124

Achromatopsia

222222

Achromatomaly

222223

CSS Examples

Text

The CSS property to change the color of the text to Hex 232124 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 #232124 looks like.

```
.text, #text, p{  
    color:#232124  
}
```

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 #232124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232124
}
```

Border

The CSS property to change the border of an element to Hex 232124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

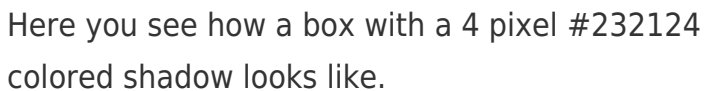
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#232124 }
```

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

```
.border{ border-color:#232124 }
```

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



Here you see how a box with a 4 pixel #232124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232124; -webkit-box-shadow:4px 4px  
4px 4px #232124; box-shadow:4px 4px 4px  
4px #232124 }
```

Background

The CSS property to change the background color of an element to Hex 232124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232124 }
```

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

```
.background{ background-color:#232124 }
```

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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