

Converting Colors

Hex(232522)

Have a look what the booklet for
Hex(232522) contains.

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Color

Hex(232522)

Conversions

Conversions Part 1

Format	Color
Hex	232522
RGB	35, 37, 34
RGB Percent	14%, 15%, 13%
CMY	0.8627, 0.8549, 0.8667
CMYK	0.05, 0.00, 0.08, 0.85
HSL	100°, 4%, 14%
HSV	100°, 8%, 15%
XYZ	1.6434, 1.7960, 1.7734
YIQ	36.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

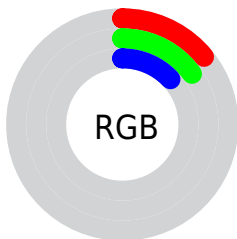
Format	Color
RYB	34, 37, 36
Decimal	2303266
CIELab	14.38, -1.65, 1.68
CIELCh	14, 2.351, 134.431
Yxy	1.7960, 0.3153, 0.3445
Android (android.graphics.Color)	4280493346 (0xFF232522)
YUV	36.0600, -1.0156, -0.9296
Hunter-Lab	13.4013, -1.5624, 1.5350

Details

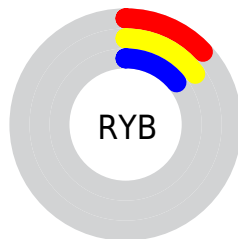
The Hex color **232522** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242225**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4F524E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21251E**, and if you desaturate by 10%, it is **252526**.

Distribution



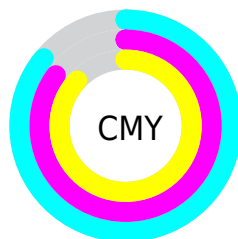
- Red (14%)
- Green (15%)
- Blue (13%)



- Red (13%)
- Yellow (15%)
- Blue (14%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (85%)



- Cyan (86%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232522 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 232522 by changing the saturation by 10% instead.

■ 232522

■ 232522

FFFFFF

■ 0D100C

■ 4F524E

■ 000000

■ 676A66

■ 80837F

■ 9A9D99

■ B5B8B4

■ D1D3CF

■ EDF0EC

■ 232522

■ 232522

■ 21251E

■ 252526

■ 1E251B

■ 282529

■ 1C2517

■ 2A252D

■ 192513

■ 2D2531

■ 172510

■ 2F2535

■ 14250C

■ 322538

■ 122508

■ 34253C

■ 0F2504

■ 372540

■ 0D2501

■ 392543

Harmonies

Analogous

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



252521



232522



212523

Triad

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



232522



222527



282324

Complementary

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



232522



242225

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.



272325



232522



242428

Square

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



232522



212527



262427



282422

Rectangle

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



232522



212525



262427



282324

Sweetspot

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



232522



30302F



252422



191A19



999999



1A1A1A

Same Dimension

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



232522



2D302C



222522



111210



1B5200



46D100

Inverse Universe

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



242225



2F2C30



252225



111012



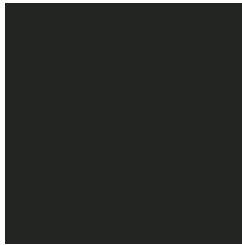
360052



8B00D1

Previews

White Background



This preview shows how the Hex color 232522 looks on a white background.

Color Contrast Check

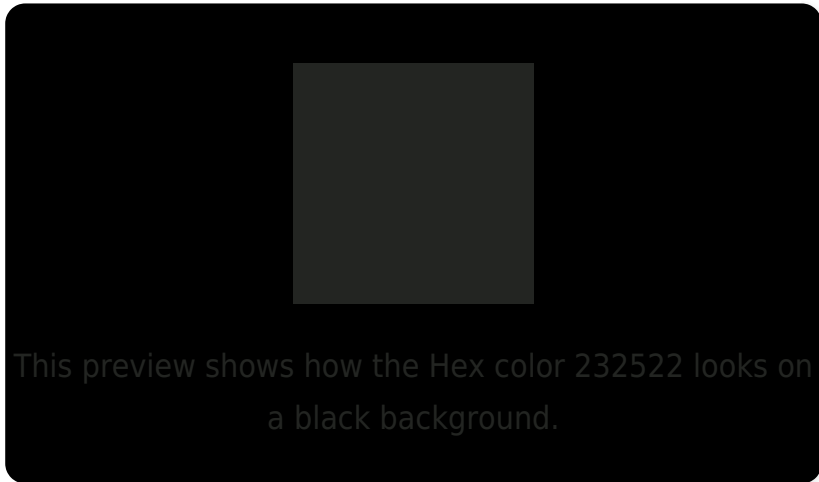
Large Text (above 18pt) WCAG AA ✓ Pass

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

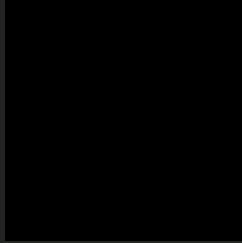
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

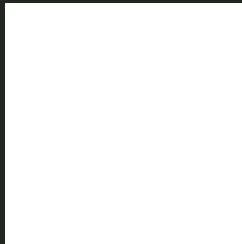
Any Text WCAG AAA × Fail

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

Hex 232522 Background



This preview shows how black text looks on a background with the Hex color 232522.

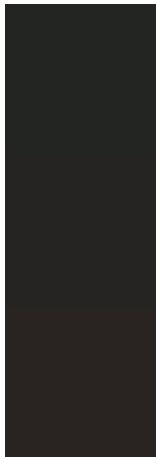


This preview shows how white text looks on a background with the Hex color 232522.

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
232522

Protanopia
262422

Deuteranopia
292322



Tritanopia
242427

Trichromacy



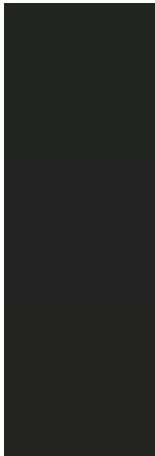
Original Color
232522

Protanomaly
252422

Deuteranomaly
272422

Tritanomaly
242425

Monochromacy



Original Color
232522

Achromatopsia
242424

Achromatomaly
242423

CSS Examples

Text

The CSS property to change the color of the text to Hex 232522 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 #232522 looks like.

```
.text, #text, p{  
    color:#232522  
}
```

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 #232522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232522
}
```

Border

The CSS property to change the border of an element to Hex 232522 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
#232522 }
```

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

```
.border{ border-color:#232522 }
```

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

Here you see how a box with a 4 pixel #232522 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232522; -webkit-box-shadow:4px 4px  
4px 4px #232522; box-shadow:4px 4px 4px  
4px #232522 }
```

Background

The CSS property to change the background color of an element to Hex 232522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232522 }
```

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

```
.background{ background-color:#232522 }
```

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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