

Converting Colors

Hex(223435)

Have a look what the booklet for
Hex(223435) contains.

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Color

Hex(223435)

Conversions

Conversions Part 1

Format	Color
Hex	223435
RGB	34, 52, 53
RGB Percent	13%, 20%, 21%
CMY	0.8667, 0.7961, 0.7922
CMYK	0.36, 0.02, 0.00, 0.79
HSL	183°, 22%, 17%
HSV	183°, 36%, 21%
XYZ	2.5303, 3.0531, 3.8241
YIQ	46.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

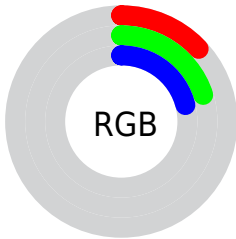
Format	Color
R_YB	34, 43, 53
Decimal	2241589
CIE _{Lab}	20.26, -6.98, -2.99
CIE _{LCh}	20, 7.590, 203.180
Yxy	3.0531, 0.2690, 0.3245
Android (android.graphics.Color)	4280431669 (0xFF223435)
YUV	46.7320, 3.0901, -11.1660
Hunter-Lab	17.4731, -4.7294, -0.7448

Details

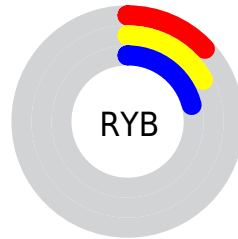
The Hex color **223435** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352322**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4F6263**, and **000208** is the 20% darker color. If you saturate the color by 10%, you get **1D3435**, and if you desaturate by 10%, it is **273435**.

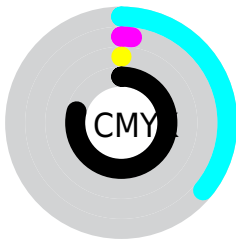
Distribution



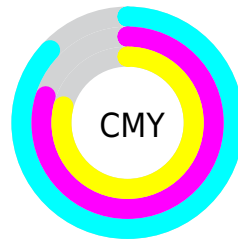
- Red (13%)
- Green (20%)
- Blue (21%)



- Red (13%)
- Yellow (17%)
- Blue (21%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223435 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 223435 by changing the saturation by 10% instead.

■ 223435

■ 223435

FFFFFF

■ 0D1F20

■ 4F6263

■ 000208

■ 687B7C

■ 000000

■ 819596

■ 9BB0B1

■ B6CBCC

■ D2E7E8

■ EEEFFF

■ 223435

■ 223435

■ 1D3435

■ 273435

■ 173335

■ 2D3535

■ 123335

■ 323535

■ 0D3335

■ 373535

■ 073335

■ 3D3535

■ 023235

■ 423635

■ 003235

■ 473635

■ 4C3635

■ 523735

Harmonies

Analogous

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



25342F



223435



24333A

Triad

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



223435



372E38



363026

Complementary

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



223435



352322

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.



3B2E28



223435



3B2D32

Square

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



223435



30303B



3D2D2D



313227

Rectangle

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



223435



27323B



3D2D2D



382F26

Sweetspot

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



223435



3D4445



223523



1F2324



A3A3A3



242424

Same Dimension

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



223435



274345



222B35



17191A



005559



00CDD9

Inverse Universe

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



352234



452743



352C22



1A1719



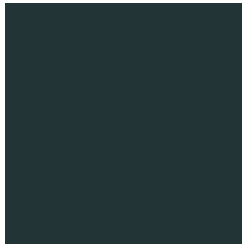
590055



D900CD

Previews

White Background



This preview shows how the Hex color 223435 looks on a white background.

Color Contrast Check

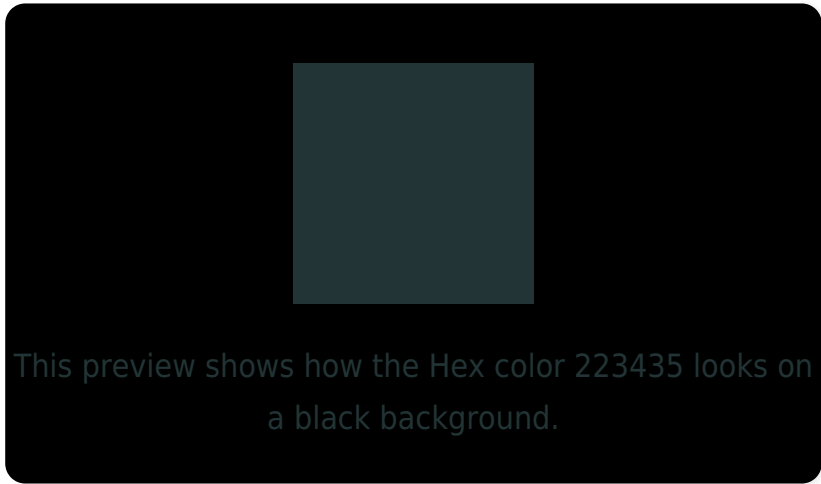
Large Text (above 18pt) WCAG AA ✓ Pass

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

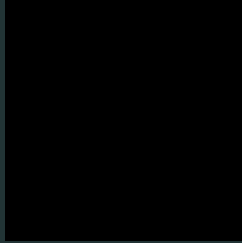
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

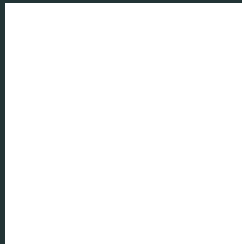
Any Text WCAG AAA × Fail

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

Hex 223435 Background



This preview shows how black text looks on a background with the Hex color 223435.



This preview shows how white text looks on a background with the Hex color 223435.

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](#).

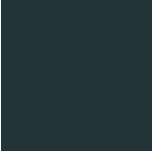
Dichromacy



Original Color
223435

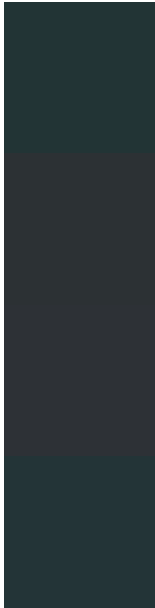
Protanopia
313033

Deuteranopia
332F36



Tritanopia
233438

Trichromacy



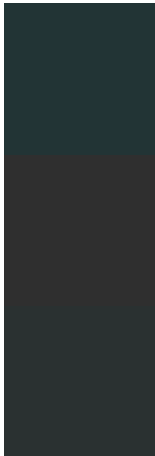
Original Color
223435

Protanomaly
2C3134

Deuteranomaly
2D3136

Tritanomaly
233437

Monochromacy



Original Color
223435

Achromatopsia
2F2F2F

Achromatomaly
2A3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 223435 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 #223435 looks like.

```
.text, #text, p{  
    color:#223435  
}
```

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 #223435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223435
}
```

Border

The CSS property to change the border of an element to Hex 223435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

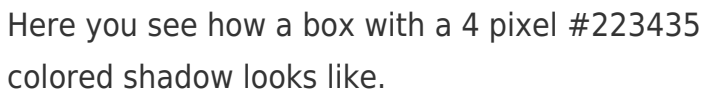
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#223435 }
```

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

```
.border{ border-color:#223435 }
```

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



Here you see how a box with a 4 pixel #223435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223435; -webkit-box-shadow:4px 4px  
4px 4px #223435; box-shadow:4px 4px 4px  
4px #223435 }
```

Background

The CSS property to change the background color of an element to Hex 223435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223435 }
```

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

```
.background{ background-color:#223435 }
```

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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