

Converting Colors

Hex(223135)

Have a look what the booklet for
Hex(223135) contains.

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Color

Hex(223135)

Conversions

Conversions Part 1

Format	Color
Hex	223135
RGB	34, 49, 53
RGB Percent	13%, 19%, 21%
CMY	0.8667, 0.8078, 0.7922
CMYK	0.36, 0.08, 0.00, 0.79
HSL	193°, 22%, 17%
HSV	193°, 36%, 21%
XYZ	2.4006, 2.7937, 3.7809
YIQ	44.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

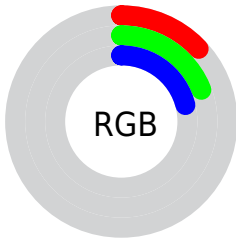
Format	Color
RYB	34, 42, 53
Decimal	2240821
CIELab	19.20, -5.02, -4.56
CIElCh	19, 6.781, 222.289
Yxy	2.7937, 0.2675, 0.3113
Android (android.graphics.Color)	4280430901 (0xFF223135)
YUV	44.9710, 3.9583, -9.6216
Hunter-Lab	16.7145, -3.6135, -1.7115

Details

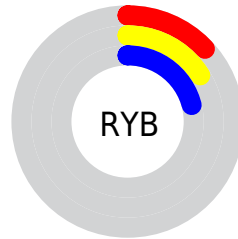
The Hex color **223135** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352622**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4F5F63**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **1D3035**, and if you desaturate by 10%, it is **273235**.

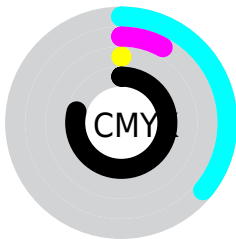
Distribution



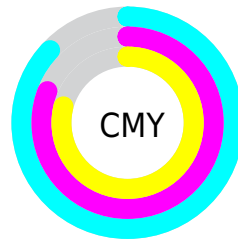
- Red (13%)
- Green (19%)
- Blue (21%)



- Red (13%)
- Yellow (16%)
- Blue (21%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223135 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 223135 by changing the saturation by 10% instead.

■ 223135

■ 223135

FFFFFF

■ 0D1C20

■ 4F5F63

■ 000008

■ 67787C

■ 000000

■ 819196

■ 9BACB1

■ B6C7CC

■ D1E3E8

■ EEEFFF

■ 223135

■ 223135

■ 1D3035

■ 273235

■ 172F35

■ 2D3335

■ 122E35

■ 323435

■ 0D2D35

■ 373535

■ 072B35

■ 3D3735

■ 022A35

■ 423835

■ 002A35

■ 473935

■ 4C3A35

■ 523B35

Harmonies

Analogous

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



223130



223135



263038

Triad

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



223135



372B32



302F25

Complementary

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



223135



352622

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.



352D25



223135



392B2D

Square

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



223135



322D36



382C28



2B3027

Rectangle

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



223135



2A2F38



382C28



322E25

Sweetspot

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



223135



3D4345



223526



1F2324



A3A3A3



242424

Same Dimension

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



223135



273F45



222835



17191A



004659



00ABD9

Inverse Universe

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



352231



45273F



352F22



1A1719



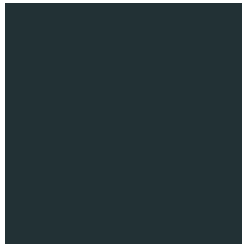
590046



D900AB

Previews

White Background



This preview shows how the Hex color 223135 looks on a white background.

Color Contrast Check

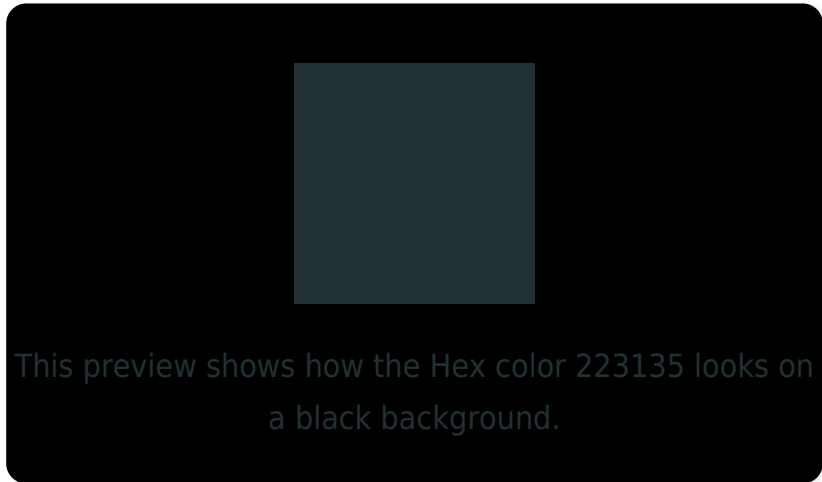
Large Text (above 18pt) WCAG AA ✓ Pass

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

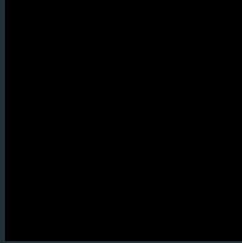
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

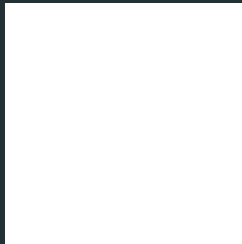
Any Text WCAG AAA × Fail

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

Hex 223135 Background



This preview shows how black text looks on a background with the Hex color 223135.



This preview shows how white text looks on a background with the Hex color 223135.

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
223135

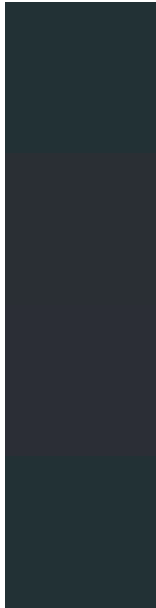
Protanopia
2E2E33

Deuteranopia
302D36



Tritanopia
223135

Trichromacy



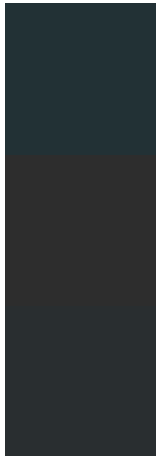
Original Color
223135

Protanomaly
2A2F34

Deuteranomaly
2B2E36

Tritanomaly
223135

Monochromacy



Original Color
223135

Achromatopsia
2D2D2D

Achromatomaly
292E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 223135 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 #223135 looks like.

```
.text, #text, p{  
    color:#223135  
}
```

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 #223135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223135
}
```

Border

The CSS property to change the border of an element to Hex 223135 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
#223135 }
```

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

```
.border{ border-color:#223135 }
```

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

Here you see how a box with a 4 pixel #223135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223135; -webkit-box-shadow:4px 4px  
4px 4px #223135; box-shadow:4px 4px 4px  
4px #223135 }
```

Background

The CSS property to change the background color of an element to Hex 223135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223135 }
```

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

```
.background{ background-color:#223135 }
```

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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