

Converting Colors

Hex(333935)

Have a look what the booklet for
Hex(333935) contains.

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Color

Hex(333935)

Conversions

Conversions Part 1

Format	Color
Hex	333935
RGB	51, 57, 53
RGB Percent	20%, 22%, 21%
CMY	0.8000, 0.7765, 0.7922
CMYK	0.11, 0.00, 0.07, 0.78
HSL	140°, 6%, 21%
HSV	140°, 11%, 22%
XYZ	3.4710, 3.8871, 3.9355
YIQ	54.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

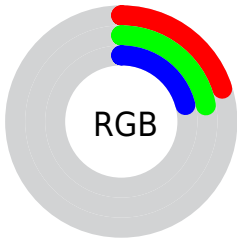
Format	Color
R_{YB}	51, 56, 57
Decimal	3356981
CIE Lab	23.29, -3.49, 1.62
CIE LCh	23, 3.847, 155.053
Yxy	3.8871, 0.3073, 0.3442
Android (android.graphics.Color)	4281547061 (0xFF333935)
YUV	54.7500, -0.8628, -3.2887
Hunter-Lab	19.7157, -3.0775, 1.9660

Details

The Hex color **333935** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393337**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **616863**, and **050E08** is the 20% darker color. If you saturate the color by 10%, you get **2D3931**, and if you desaturate by 10%, it is **393939**.

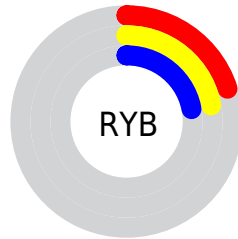
Distribution



Red (20%)

Green (22%)

Blue (21%)



Red (20%)

Yellow (22%)

Blue (22%)

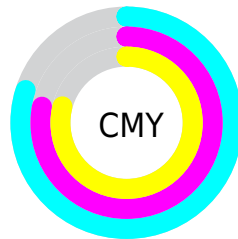


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333935 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 333935 by changing the saturation by 10% instead.

■ 333935

■ 333935

FFFFFF

■ 1E2420

■ 616863

■ 050E08

■ 7A817C

■ 000000

■ 949B96

■ AFB6B1

■ CAD1CC

■ E6EEE8

■ 333935

■ 333935

■ 2D3931

■ 393939

■ 28392D

■ 3E393D

■ 22392A

■ 443940

■ 1C3926

■ 4A3944

■ 173922

■ 503948

■ 11391E

■ 55394C

■ 0B391A

■ 5B3950

■ 053917

■ 613953

■ 003913

■ 663957

Harmonies

Analogous

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



363833



333935



313938

Triad

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



333935



35383D



3E3634

Complementary

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



333935



393337

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.



3E3637



333935



39373C

Square

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



333935



32383D



3C363A



3C3732

Rectangle

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



333935



30393A



3C363A



3E3635

Sweetspot

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



333935



484A48



373933



252625



A6A6A6



262626

Same Dimension

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



333935



404A44



333938



191C1A



005C1F



00DB49

Inverse Universe

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



393337



4A4047



393334



1C191B



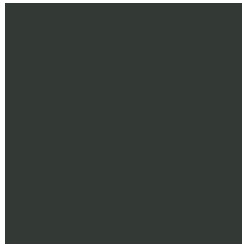
5C003D



DB0092

Previews

White Background



This preview shows how the Hex color 333935 looks on a white background.

Color Contrast Check

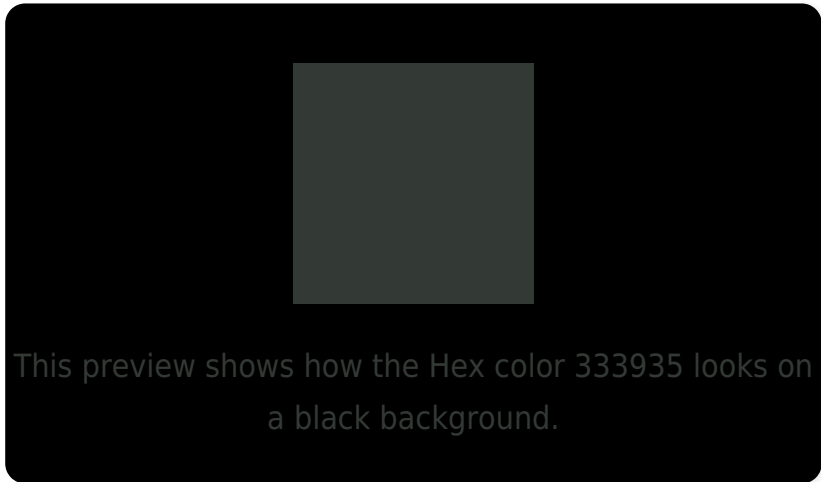
Large Text (above 18pt) WCAG AA ✓ Pass

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

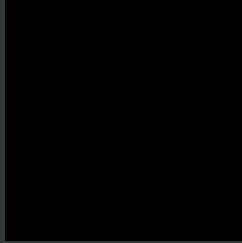
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

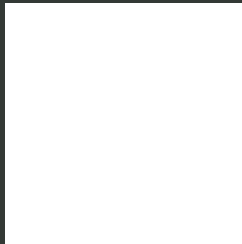
Any Text WCAG AAA × Fail

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

Hex 333935 Background



This preview shows how black text looks on a background with the Hex color 333935.



This preview shows how white text looks on a background with the Hex color 333935.

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](#).

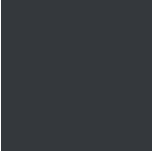
Dichromacy



Original Color
333935

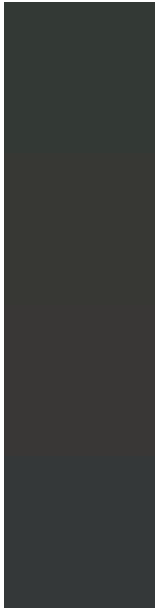
Protanopia
393734

Deuteranopia
3D3636



Tritanopia
34383C

Trichromacy



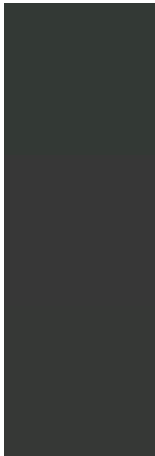
Original Color
333935

Protanomaly
373834

Deuteranomaly
393736

Tritanomaly
343839

Monochromacy



Original Color
333935

Achromatopsia
373737

Achromatomaly
363836

CSS Examples

Text

The CSS property to change the color of the text to Hex 333935 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 #333935 looks like.

```
.text, #text, p{  
    color:#333935  
}
```

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 #333935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333935
}
```

Border

The CSS property to change the border of an element to Hex 333935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

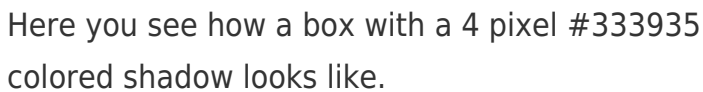
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333935 }
```

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

```
.border{ border-color:#333935 }
```

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



Here you see how a box with a 4 pixel #333935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333935; -webkit-box-shadow:4px 4px  
4px 4px #333935; box-shadow:4px 4px 4px  
4px #333935 }
```

Background

The CSS property to change the background color of an element to Hex 333935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333935 }
```

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

```
.background{ background-color:#333935 }
```

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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