

Converting Colors

Hex(233628)

Have a look what the booklet for
Hex(233628) contains.

Hex(233628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(233628)

Conversions

Conversions Part 1

Format	Color
Hex	233628
RGB	35, 54, 40
RGB Percent	14%, 21%, 16%
CMY	0.8627, 0.7882, 0.8431
CMYK	0.35, 0.00, 0.26, 0.79
HSL	136°, 21%, 17%
HSV	136°, 35%, 21%
XYZ	2.3953, 3.1489, 2.4890
YIQ	46.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

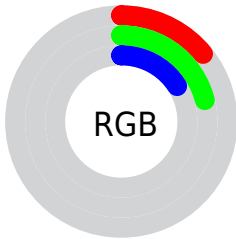
Format	Color
R_{YB}	35, 50, 54
Decimal	2307624
CIE _{Lab}	20.63, -11.30, 6.39
CIE _{LCh}	21, 12.982, 150.490
Yxy	3.1489, 0.2982, 0.3920
Android (android.graphics.Color)	4280497704 (0xFF233628)
YUV	46.7230, -3.3144, -10.2811
Hunter-Lab	17.7450, -6.9590, 4.1051

Details

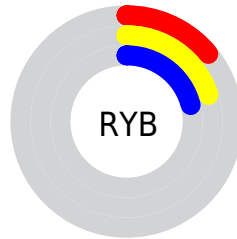
The Hex color **233628** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **362331**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **506555**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **1E3624**, and if you desaturate by 10%, it is **28362C**.

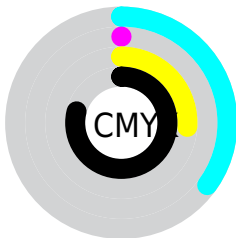
Distribution



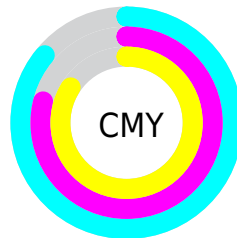
- Red (14%)
- Green (21%)
- Blue (16%)



- Red (14%)
- Yellow (20%)
- Blue (21%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (79%)



- Cyan (86%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233628 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 233628 by changing the saturation by 10% instead.

■ 233628

■ 233628

FFFFFF

■ 0E2114

■ 506555

■ 000400

■ 687E6D

■ 000000

■ 829887

■ 9CB3A1

■ B7CEBC

■ D2EAD8

■ EFFFF4

■ 233628

■ 233628

■ 1E3624

■ 28362C

■ 183620

■ 2E3630

■ 13361C

■ 333634

■ 0D3618

■ 393638

■ 083614

■ 3E363C

■ 033610

■ 433640

■ 00360E

■ 493644

■ 4E3648

■ 54364C

Harmonies

Analogous

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



2E3421



233628



183731

Triad

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



233628



253345



442B28

Complementary

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



233628



362331

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.



442B32



233628



332F42

Square

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



233628



183542



3E2C3B



402E21

Rectangle

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



233628



143738



3E2C3B



452B2B

Sweetspot

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



233628



404742



313623



1F2420



A3A3A3



242424

Same Dimension

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



233628



294731



233631



191C1A



005C18



00DB3A

Inverse Universe

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



362331



472940



362328



1C191B



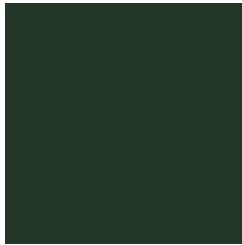
5C0044



DB00A2

Previews

White Background



This preview shows how the Hex color 233628 looks on a white background.

Color Contrast Check

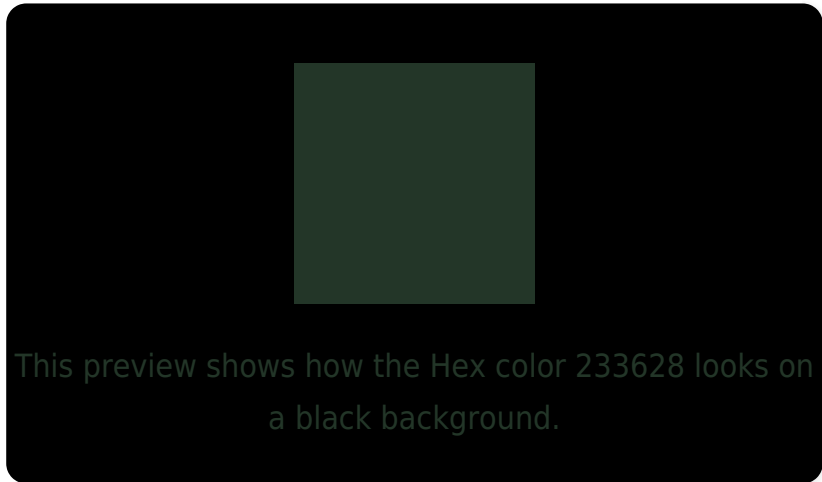
Large Text (above 18pt) WCAG AA ✓ Pass

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

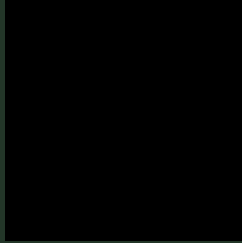
Any Text WCAG AA × Fail

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 233628 Background



This preview shows how black text looks on a background with the Hex color 233628.

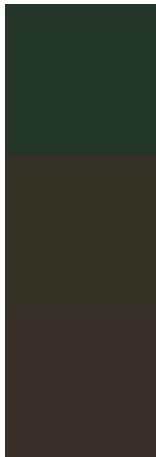


This preview shows how white text looks on a background with the Hex color 233628.

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](#).

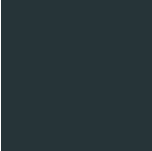
Dichromacy



Original Color
233628

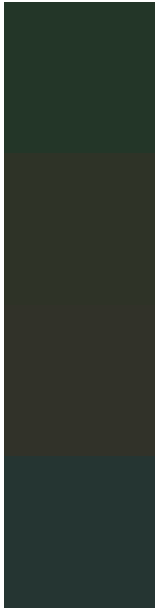
Protanopia
353126

Deuteranopia
393029



Tritanopia
263438

Trichromacy



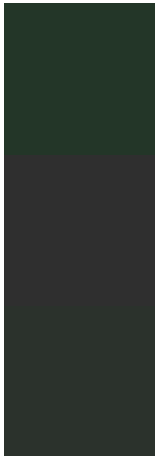
Original Color
233628

Protanomaly
2E3327

Deuteranomaly
313229

Tritanomaly
253532

Monochromacy



Original Color
233628

Achromatopsia
2F2F2F

Achromatomaly
2B322C

CSS Examples

Text

The CSS property to change the color of the text to Hex 233628 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 #233628 looks like.

```
.text, #text, p{  
    color:#233628  
}
```

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 #233628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233628
}
```

Border

The CSS property to change the border of an element to Hex 233628 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
#233628 }
```

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

```
.border{ border-color:#233628 }
```

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

Here you see how a box with a 4 pixel #233628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233628; -webkit-box-shadow:4px 4px  
4px 4px #233628; box-shadow:4px 4px 4px  
4px #233628 }
```

Background

The CSS property to change the background color of an element to Hex 233628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233628 }
```

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

```
.background{ background-color:#233628 }
```

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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