

Converting Colors

Hex(244D35)

Have a look what the booklet for
Hex(244D35) contains.

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Color

Hex(244D35)

Conversions

Conversions Part 1

Format	Color
Hex	244D35
RGB	36, 77, 53
RGB Percent	14%, 30%, 21%
CMY	0.8588, 0.6980, 0.7922
CMYK	0.53, 0.00, 0.31, 0.70
HSL	145°, 36%, 22%
HSV	145°, 53%, 30%
XYZ	4.0240, 5.9399, 4.3026
YIQ	62.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

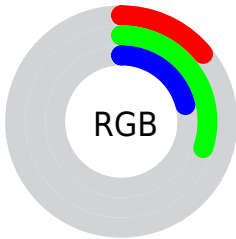
Format	Color
RYB	36, 65, 77
Decimal	2379061
CIELab	29.26, -20.82, 9.91
CIELCh	29, 23.061, 154.541
Yxy	5.9399, 0.2821, 0.4164
Android (android.graphics.Color)	4280569141 (0xFF244D35)
YUV	62.0050, -4.4395, -22.8064
Hunter-Lab	24.3718, -13.1786, 6.5933

Details

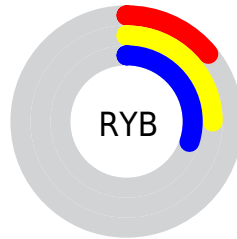
The Hex color **244D35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D243C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **547E64**, and **002109** is the 20% darker color. If you saturate the color by 10%, you get **1C4D30**, and if you desaturate by 10%, it is **2C4D3A**.

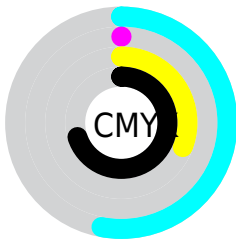
Distribution



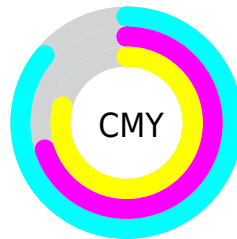
- Red (14%)
- Green (30%)
- Blue (21%)



- Red (14%)
- Yellow (25%)
- Blue (30%)



- Cyan (53%)
- Magenta (0%)
- Yellow (31%)
- Black (70%)



- Cyan (86%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244D35 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 244D35 by changing the saturation by 10% instead.



244D35



244D35

FFFFFF



0B3620



547E64



002109



6D987D



000000



87B397



A1CFB1



BDEBCD



D9FFE9



F6FFFF



244D35



244D35

■ 1C4D30

■ 2C4D3A

■ 154D2C

■ 334D3E

■ 0D4D27

■ 3B4D43

■ 054D23

■ 434D47

■ 004D20

■ 4B4D4C

■ 524D50

■ 5A4D55

■ 624D59

■ 694D5E

Harmonies

Analogous

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



3B4A27



244D35



004E47

Triad

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



244D35



2E4668



663932

Complementary

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



244D35



4D243C

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.



663643



244D35



4A3F62

Square

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



244D35



004B65



5D3955



5D3F25

Rectangle

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



244D35



004E53



5D3955



673837

Sweetspot

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



244D35



54635A



3D4D24



29332D



B3B3B3



333333

Same Dimension

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



244D35



24633E



244D49



222624



00662A



00E65F

Inverse Universe

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



4D243C



632449



4D2428



262225



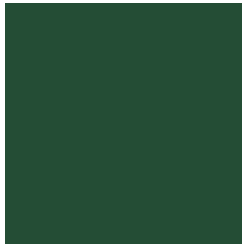
66003C



E60086

Previews

White Background



This preview shows how the Hex color 244D35 looks on a white background.

Color Contrast Check

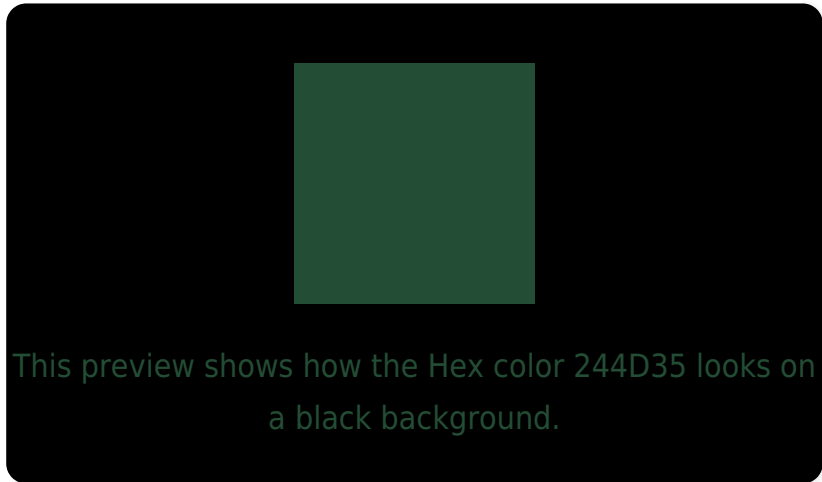
Large Text (above 18pt) WCAG AA ✓ Pass

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

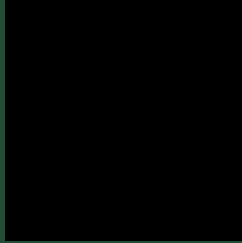
Any Text WCAG AA × Fail

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 244D35 Background



This preview shows how black text looks on a background with the Hex color 244D35.



This preview shows how white text looks on a background with the Hex color 244D35.

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
244D35

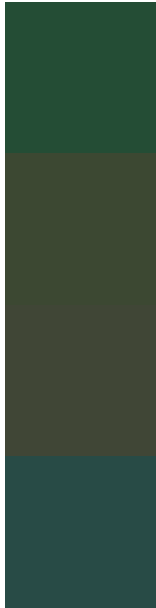
Protanopia
4A4531

Deuteranopia
504237



Tritanopia
2B4A50

Trichromacy



Original Color
244D35

Protanomaly
3C4832

Deuteranomaly
404636

Tritanomaly
284B46

Monochromacy



Original Color
244D35

Achromatopsia
3E3E3E

Achromatomaly
35433B

CSS Examples

Text

The CSS property to change the color of the text to Hex 244D35 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 #244D35 looks like.

```
.text, #text, p{  
    color:#244D35  
}
```

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 #244D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244D35
}
```

Border

The CSS property to change the border of an element to Hex 244D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

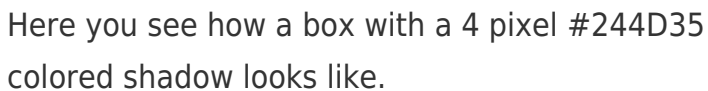
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#244D35 }
```

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

```
.border{ border-color:#244D35 }
```

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



Here you see how a box with a 4 pixel #244D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244D35; -webkit-box-shadow:4px 4px  
4px 4px #244D35; box-shadow:4px 4px 4px  
4px #244D35 }
```

Background

The CSS property to change the background color of an element to Hex 244D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244D35 }
```

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

```
.background{ background-color:#244D35 }
```

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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