

Converting Colors

Hex(254D34)

Have a look what the booklet for
Hex(254D34) contains.

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Color

Hex(254D34)

Conversions

Conversions Part 1

Format	Color
Hex	254D34
RGB	37, 77, 52
RGB Percent	15%, 30%, 20%
CMY	0.8549, 0.6980, 0.7961
CMYK	0.52, 0.00, 0.32, 0.70
HSL	142°, 35%, 22%
HSV	142°, 52%, 30%
XYZ	4.0367, 5.9490, 4.1843
YIQ	62.1900, -15.8150, -16.2550

Conversions

Conversions Part 2

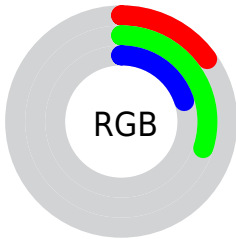
Format	Color
RYB	37, 66, 77
Decimal	2444596
CIELab	29.28, -20.74, 10.58
CIELCh	29, 23.284, 152.966
Yxy	5.9490, 0.2849, 0.4198
Android (android.graphics.Color)	4280634676 (0xFF254D34)
YUV	62.1900, -5.0237, -22.0916
Hunter-Lab	24.3906, -13.1416, 6.9019

Details

The Hex color **254D34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D253E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **557E63**, and **002107** is the 20% darker color. If you saturate the color by 10%, you get **1D4D2F**, and if you desaturate by 10%, it is **2D4D39**.

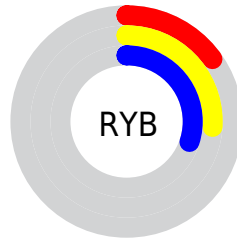
Distribution



Red (15%)

Green (30%)

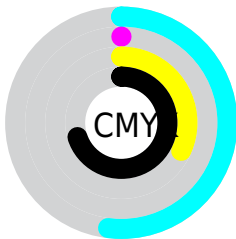
Blue (20%)



Red (15%)

Yellow (26%)

Blue (30%)

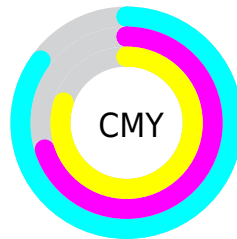


Cyan (52%)

Magenta (0%)

Yellow (32%)

Black (70%)



Cyan (85%)

Magenta (70%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254D34 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 254D34 by changing the saturation by 10% instead.

 254D34

 254D34

FFFFFF

 0D361F

 557E63

 002107

 6E987C

 000000

 88B395

 A2CFB0

 BEEBCB

 DAFFE8

 F6FFFF

 254D34

 254D34

■ 1D4D2F

■ 2D4D39

■ 164D2A

■ 344D3E

■ 0E4D26

■ 3C4D42

■ 064D21

■ 444D47

■ 004D1D

■ 4C4D4C

■ 534D51

■ 5B4D56

■ 634D5A

■ 6A4D5F

Harmonies

Analogous

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



3C4A26



254D34



004E46

Triad

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



254D34



2B4669



663932

Complementary

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



254D34



4D253E

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.



673644



254D34



494063

Square

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



254D34



004B65



5D3956



5D3E25

Rectangle

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



254D34



004E52



5D3956



673738

Sweetspot

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



254D34



54635A



3E4D25



29332D



B3B3B3



333333

Same Dimension

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



254D34



26633D



254D48



222624



006626



00E656

Inverse Universe

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



4D253E



63264C



4D252A



262225



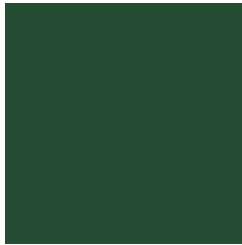
660040



E6008F

Previews

White Background



This preview shows how the Hex color 254D34 looks on a white background.

Color Contrast Check

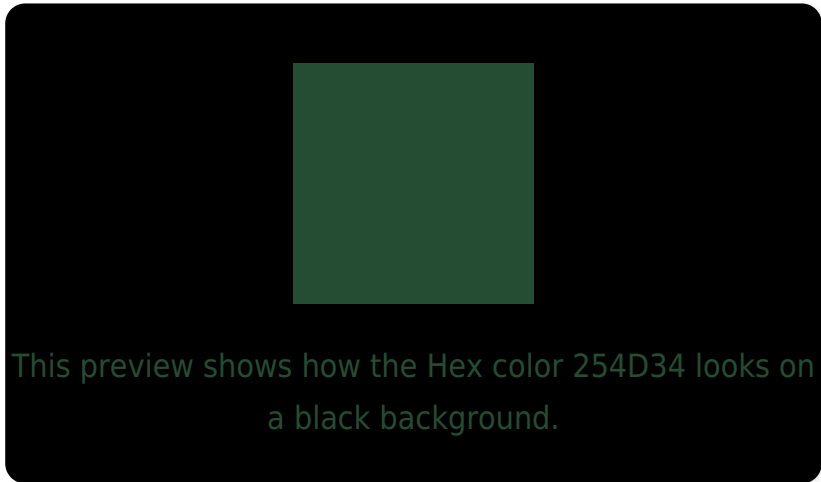
Large Text (above 18pt) WCAG AA ✓ Pass

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

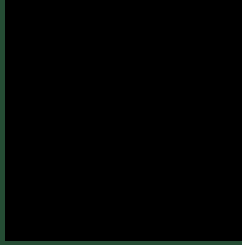
Any Text WCAG AA × Fail

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 254D34 Background



This preview shows how black text looks on a background with the Hex color 254D34.



This preview shows how white text looks on a background with the Hex color 254D34.

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
254D34

Protanopia
4A4530

Deuteranopia
504236

Trichromacy



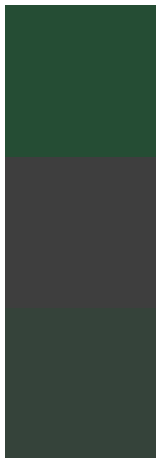
Original Color
254D34

Protanomaly
3D4831

Deuteranomaly
404635

Tritanomaly
294B45

Monochromacy



Original Color
254D34

Achromatopsia
3E3E3E

Achromatomaly
35433A

CSS Examples

Text

The CSS property to change the color of the text to Hex 254D34 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 #254D34 looks like.

```
.text, #text, p{  
    color:#254D34  
}
```

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 #254D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254D34
}
```

Border

The CSS property to change the border of an element to Hex 254D34 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
#254D34 }
```

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

```
.border{ border-color:#254D34 }
```

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

Here you see how a box with a 4 pixel #254D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254D34; -webkit-box-shadow:4px 4px  
4px 4px #254D34; box-shadow:4px 4px 4px  
4px #254D34 }
```

Background

The CSS property to change the background color of an element to Hex 254D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254D34 }
```

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

```
.background{ background-color:#254D34 }
```

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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