

Converting Colors

Hex(254D55)

Have a look what the booklet for
Hex(254D55) contains.

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Color

Hex(254D55)

Conversions

Conversions Part 1

Format	Color
Hex	254D55
RGB	37, 77, 85
RGB Percent	15%, 30%, 33%
CMY	0.8549, 0.6980, 0.6667
CMYK	0.56, 0.09, 0.00, 0.67
HSL	190°, 39%, 24%
HSV	190°, 56%, 33%
XYZ	5.0565, 6.3569, 9.5548
YIQ	65.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

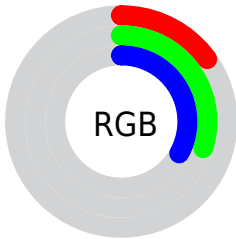
Format	Color
R_{YB}	37, 59, 85
Decimal	2444629
CIE _{Lab}	30.30, -11.50, -9.06
CIE _{LCh}	30, 14.638, 218.219
Yxy	6.3569, 0.2412, 0.3032
Android (android.graphics.Color)	4280634709 (0xFF254D55)
YUV	65.9520, 9.3907, -25.3909
Hunter-Lab	25.2130, -8.3242, -4.8197

Details

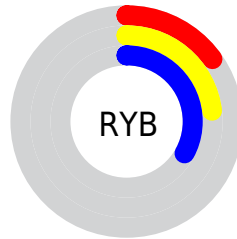
The Hex color **254D55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **552D25**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **567E87**, and **002128** is the 20% darker color. If you saturate the color by 10%, you get **1C4C55**, and if you desaturate by 10%, it is **2E4E55**.

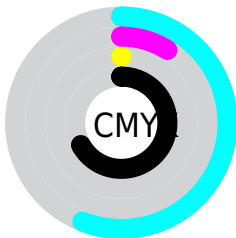
Distribution



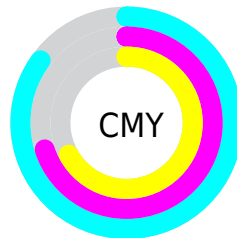
- Red (15%)
- Green (30%)
- Blue (33%)



- Red (15%)
- Yellow (23%)
- Blue (33%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254D55 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 254D55 by changing the saturation by 10% instead.

■ 254D55

■ 254D55

FFFFFF

■ 0A363E

■ 567E87

■ 002128

■ 7098A1

■ 000314

■ 8AB3BC

■ 000000

■ A5CED8

■ C1EBF4

■ DDFFFF

■ FAFFFF

■ 254D55

■ 254D55

■ 1C4C55

■ 2E4E55

■ 144A55

■ 365055

■ 0B4955

■ 3E5155

■ 034755

■ 475355

■ 004755

■ 4F5455

■ 585555

■ 605755

■ 695855

■ 725A55

Harmonies

Analogous

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



284E4A



254D55



2E4B5C

Triad

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



254D55



594050



4C4831

Complementary

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



254D55



552D25

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.



574432



254D55



5E3F45

Square

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



254D55



4D4359



5D403A



404B35

Rectangle

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



254D55



38495E



5D403A



504631

Sweetspot

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



254D55



5B6B6E



25552D



2D3638



B8B8B8



383838

Same Dimension

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



254D55



23616E



253555



272B2B



00596B



00C3EB

Inverse Universe

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



55254D



6E2361



554525



2B272B



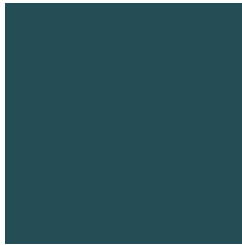
6B0059



EB00C4

Previews

White Background



This preview shows how the Hex color 254D55 looks on a white background.

Color Contrast Check

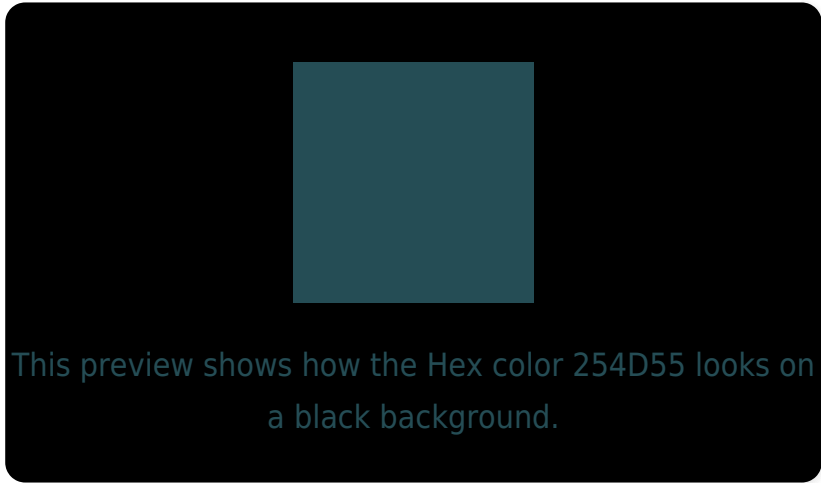
Large Text (above 18pt) WCAG AA ✓ Pass

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

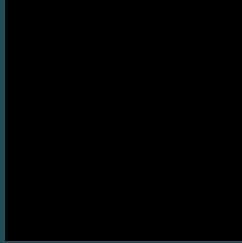
Any Text WCAG AA × Fail

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 254D55 Background



This preview shows how black text looks on a background with the Hex color 254D55.



This preview shows how white text looks on a background with the Hex color 254D55.

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
254D55

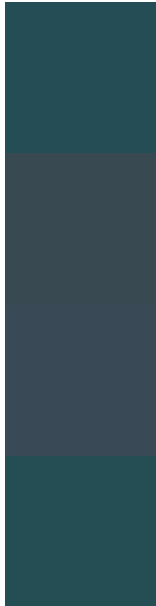
Protanopia
454751

Deuteranopia
464657



Tritanopia
244D53

Trichromacy



Original Color
254D55

Protanomaly
394952

Deuteranomaly
3A4956

Tritanomaly
244D54

Monochromacy



Original Color
254D55

Achromatopsia
424242

Achromatomaly
374649

CSS Examples

Text

The CSS property to change the color of the text to Hex 254D55 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 #254D55 looks like.

```
.text, #text, p{  
    color:#254D55  
}
```

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 #254D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254D55  
}
```

Border

The CSS property to change the border of an element to Hex 254D55 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  
#254D55 }
```

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

```
.border{ border-color:#254D55 }
```

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

Here you see how a box with a 4 pixel #254D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254D55; -webkit-box-shadow:4px 4px  
4px 4px #254D55; box-shadow:4px 4px 4px  
4px #254D55 }
```

Background

The CSS property to change the background color of an element to Hex 254D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254D55 }
```

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

```
.background{ background-color:#254D55 }
```

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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