

Converting Colors

Hex(254E25)

Have a look what the booklet for
Hex(254E25) contains.

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Color

Hex(254E25)

Conversions

Conversions Part 1

Format	Color
Hex	254E25
RGB	37, 78, 37
RGB Percent	15%, 31%, 15%
CMY	0.8549, 0.6941, 0.8549
CMYK	0.53, 0.00, 0.53, 0.69
HSL	120°, 36%, 23%
HSV	120°, 53%, 31%
XYZ	3.8213, 5.9757, 2.7023
YIQ	61.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

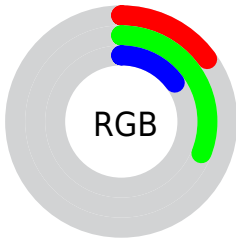
Format	Color
R_{YB}	37, 78, 78
Decimal	2444837
CIE _{Lab}	29.35, -24.19, 19.85
CIE _{LCh}	29, 31.294, 140.624
Yxy	5.9757, 0.3057, 0.4781
Android (android.graphics.Color)	4280634917 (0xFF254E25)
YUV	61.0670, -11.8650, -21.1068
Hunter-Lab	24.4452, -14.8759, 10.5574

Details

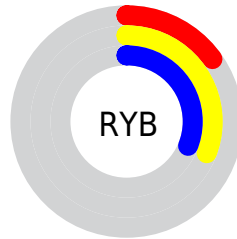
The Hex color **254E25** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E254E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **558053**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **1D4E1D**, and if you desaturate by 10%, it is **2D4E2D**.

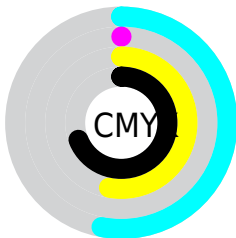
Distribution



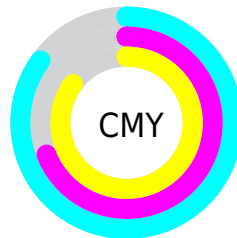
- Red (15%)
- Green (31%)
- Blue (15%)



- Red (15%)
- Yellow (31%)
- Blue (31%)



- Cyan (53%)
- Magenta (0%)
- Yellow (53%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254E25 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 254E25 by changing the saturation by 10% instead.



254E25



254E25

FFFFFF



0C3710



558053



002200



6F9A6B



000000



88B585



A3D09F



BFEDBA



DBFFD6



F8FFF2



254E25



254E25

■ 1D4E1D

■ 2D4E2D

■ 154E15

■ 354E35

■ 0E4E0E

■ 3C4E3C

■ 064E06

■ 444E44

■ 004E00

■ 4C4E4C

■ 544E54

■ 5C4E5C

■ 634E63

■ 6B4E6B

Harmonies

Analogous

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



424915



254E25



00513C

Triad

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



254E25



004A75



723135

Complementary

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



254E25



4E254E

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.



6E304E



254E25



394273

Square

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



254E25



004F6A



5B3864



6A3820

Rectangle

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



254E25



00514D



5B3864



722F3D

Sweetspot

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



254E25



566656



4E4E25



293329



B3B3B3



333333

Same Dimension

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



254E25



266626



254E3A



222622



006600



00E600

Inverse Universe

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



4E254E



662666



4E253A



262226



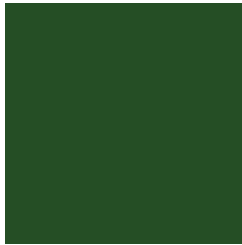
660066



E600E6

Previews

White Background



This preview shows how the Hex color 254E25 looks on a white background.

Color Contrast Check

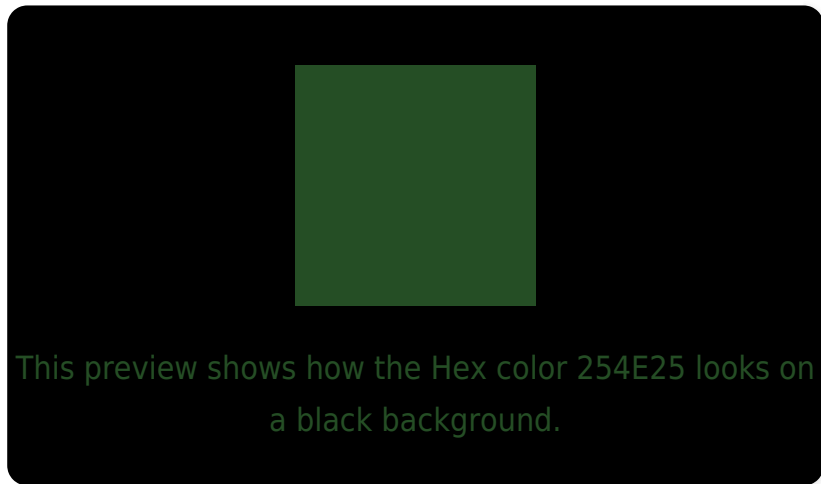
Large Text (above 18pt) WCAG AA ✓ Pass

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

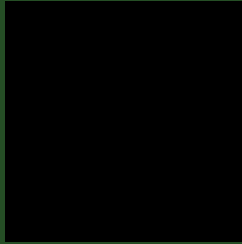
Any Text WCAG AA × Fail

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 254E25 Background



This preview shows how black text looks on a background with the Hex color 254E25.



This preview shows how white text looks on a background with the Hex color 254E25.

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](#).

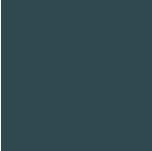
Dichromacy



Original Color
254E25

Protanopia
4C4522

Deuteranopia
544228



Tritanopia
2E494F

Trichromacy



Original Color
254E25

Protanomaly
3E4823

Deuteranomaly
434627

Tritanomaly
2B4B40

Monochromacy



Original Color
254E25

Achromatopsia
3D3D3D

Achromatomaly
344334

CSS Examples

Text

The CSS property to change the color of the text to Hex 254E25 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 #254E25 looks like.

```
.text, #text, p{  
    color:#254E25  
}
```

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 #254E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254E25
}
```

Border

The CSS property to change the border of an element to Hex 254E25 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".

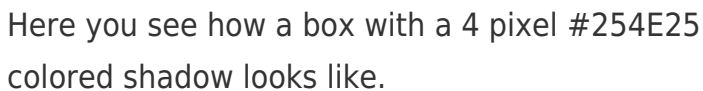
```
.border, #border, table{ border:4px solid
#254E25 }
```

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

```
.border{ border-color:#254E25 }
```

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

Here you see how a box with a 4 pixel #254E25 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254E25; -webkit-box-shadow:4px 4px  
4px 4px #254E25; box-shadow:4px 4px 4px  
4px #254E25 }
```

Background

The CSS property to change the background color of an element to Hex 254E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254E25 }
```

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

```
.background{ background-color:#254E25 }
```

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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