

Converting Colors

Hex(254E21)

Have a look what the booklet for
Hex(254E21) contains.

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Color

Hex(254E21)

Conversions

Conversions Part 1

Format	Color
Hex	254E21
RGB	37, 78, 33
RGB Percent	15%, 31%, 13%
CMY	0.8549, 0.6941, 0.8706
CMYK	0.53, 0.00, 0.58, 0.69
HSL	115°, 41%, 22%
HSV	115°, 58%, 31%
XYZ	3.7619, 5.9519, 2.3894
YIQ	60.6110, -9.9910, -22.6870

Conversions

Conversions Part 2

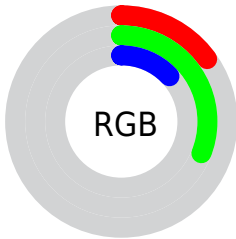
Format	Color
R_{YB}	33, 78, 74
Decimal	2444833
CIE _{Lab}	29.29, -24.82, 22.09
CIE _{LCh}	29, 33.232, 138.330
Yxy	5.9519, 0.3108, 0.4918
Android (android.graphics.Color)	4280634913 (0xFF254E21)
YUV	60.6110, -13.6122, -20.7068
Hunter-Lab	24.3965, -15.1699, 11.2707

Details

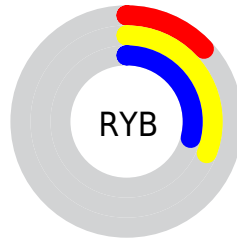
The Hex color **254E21** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A214E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **56804F**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **1E4E19**, and if you desaturate by 10%, it is **2C4E29**.

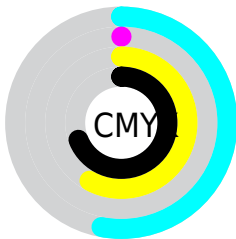
Distribution



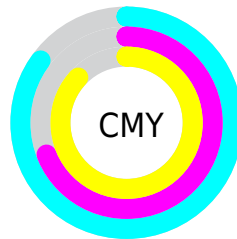
- Red (15%)
- Green (31%)
- Blue (13%)



- Red (13%)
- Yellow (31%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (58%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254E21 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 254E21 by changing the saturation by 10% instead.

 254E21

 254E21

FFFFFF

 0C370B

 56804F

 002200

 6F9A67

 000000

 89B580

 A4D09A

 BFEDB5

 DBFFD1

 F8FFED

 254E21

 254E21

■ 1E4E19

■ 2C4E29

■ 174E11

■ 334E31

■ 104E0A

■ 3A4E38

■ 094E02

■ 414E40

■ 074E00

■ 494E48

■ 504E50

■ 574E58

■ 5E4E5F

■ 654E67

Harmonies

Analogous

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



444910



254E21



00513A

Triad

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



254E21



004B77



742E36

Complementary

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



254E21



4A214E

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.



6F2F50



254E21



334276

Square

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



254E21



00506B



5A3767



6C361F

Rectangle

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



254E21



00524C



5A3767



742D3F

Sweetspot

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



254E21



566655



4E4A21



2A3329



B3B3B3



333333

Same Dimension

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



254E21



266620



214E33



232622



096600



14E600

Inverse Universe

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



4A214E



602066



4E213C



262226



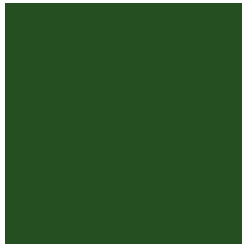
5D0066



D100E6

Previews

White Background



This preview shows how the Hex color 254E21 looks on a white background.

Color Contrast Check

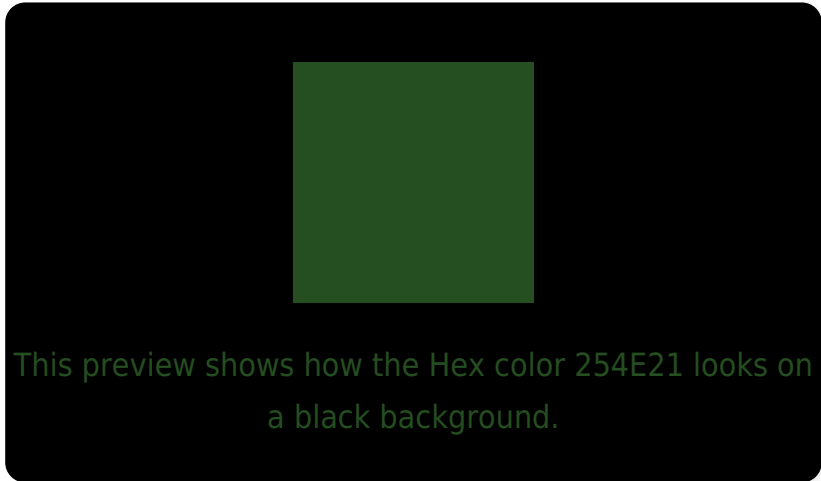
Large Text (above 18pt) WCAG AA ✓ Pass

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

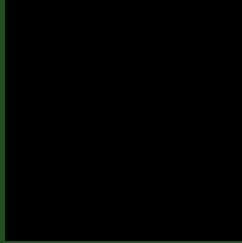
Any Text WCAG AA × Fail

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 254E21 Background



This preview shows how black text looks on a background with the Hex color 254E21.



This preview shows how white text looks on a background with the Hex color 254E21.

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](#).

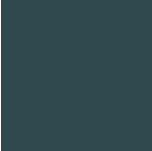
Dichromacy



Original Color
254E21

Protanopia
4D451E

Deuteranopia
544224



Tritanopia
2F494F

Trichromacy



Original Color
254E21

Protanomaly
3E481F

Deuteranomaly
434623

Tritanomaly
2B4B3E

Monochromacy



Original Color
254E21

Achromatopsia
3D3D3D

Achromatomaly
344333

CSS Examples

Text

The CSS property to change the color of the text to Hex 254E21 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 #254E21 looks like.

```
.text, #text, p{  
    color:#254E21  
}
```

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 #254E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254E21
}
```

Border

The CSS property to change the border of an element to Hex 254E21 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
#254E21 }
```

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

```
.border{ border-color:#254E21 }
```

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

Here you see how a box with a 4 pixel #254E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254E21; -webkit-box-shadow:4px 4px  
4px 4px #254E21; box-shadow:4px 4px 4px  
4px #254E21 }
```

Background

The CSS property to change the background color of an element to Hex 254E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254E21 }
```

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

```
.background{ background-color:#254E21 }
```

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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