

Converting Colors

Hex(2E4221)

Have a look what the booklet for
Hex(2E4221) contains.

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Color

Hex(2E4221)

Conversions

Conversions Part 1

Format	Color
Hex	2E4221
RGB	46, 66, 33
RGB Percent	18%, 26%, 13%
CMY	0.8196, 0.7412, 0.8706
CMYK	0.30, 0.00, 0.50, 0.74
HSL	96°, 33%, 19%
HSV	96°, 50%, 26%
XYZ	3.3494, 4.5871, 2.1477
YIQ	56.2580, -1.3270, -14.5030

Conversions

Conversions Part 2

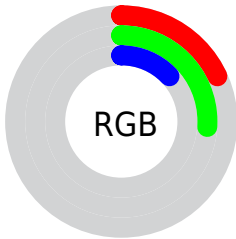
Format	Color
R _Y B	33, 66, 53
Decimal	3031585
CIE Lab	25.52, -15.06, 17.56
CIE LCh	26, 23.129, 130.622
Yxy	4.5871, 0.3321, 0.4549
Android (android.graphics.Color)	4281221665 (0xFF2E4221)
YUV	56.2580, -11.4662, -8.9963
Hunter-Lab	21.4175, -9.5652, 9.0467

Details

The Hex color **2E4221** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **352142**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D724E**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **2A421A**, and if you desaturate by 10%, it is **324228**.

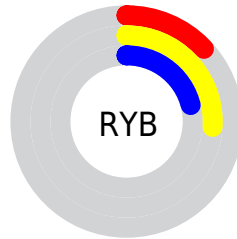
Distribution



Red (18%)

Green (26%)

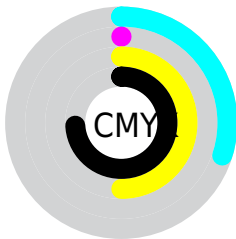
Blue (13%)



Red (13%)

Yellow (26%)

Blue (21%)

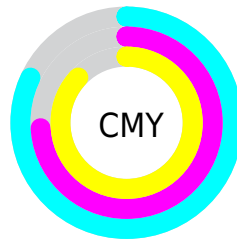


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4221 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 2E4221 by changing the saturation by 10% instead.



2E4221



2E4221

FFFFFF



182C0B



5D724E



001800



768C66



000000



90A67F



AAC199



C6DDB4



E2FAD0



FFFFEC



2E4221



2E4221

■ 2A421A

■ 324228

■ 264214

■ 36422E

■ 22420D

■ 3A4235

■ 1E4207

■ 3E423B

■ 1A4200

■ 424242

■ 464249

■ 4A424F

■ 4E4256

■ 52425C

Harmonies

Analogous

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



413D19



2E4221



154530

Triad

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



2E4221



00415D



5E2E37

Complementary

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



2E4221



352142

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.



573049



2E4221



2B3C5F

Square

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



2E4221



004553



463557



5B3127

Rectangle

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



2E4221



00453C



463557



5D2E3D

Sweetspot

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



2E4221



4F574A



423521



272B24



ABABAB



2B2B2B

Same Dimension

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



2E4221



375723



214224



1F211E



266100



58E000

Inverse Universe

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



352142



422357



42213F



201E21



3B0061



8800E0

Previews

White Background



This preview shows how the Hex color 2E4221 looks on a white background.

Color Contrast Check

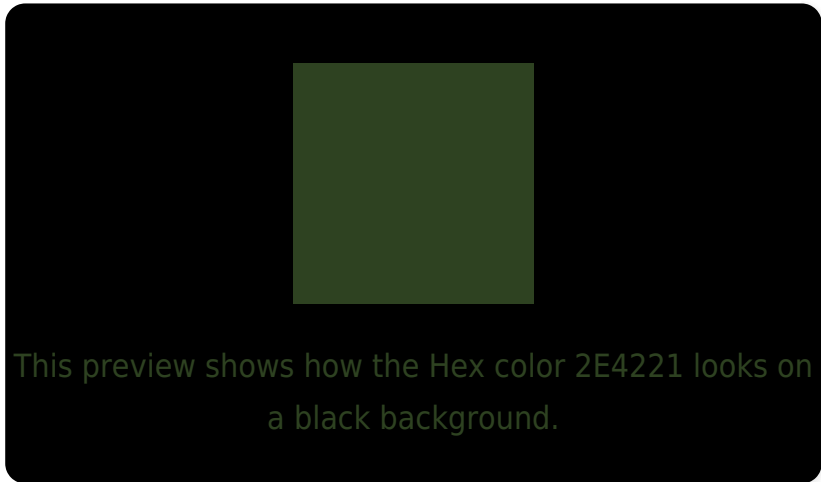
Large Text (above 18pt) WCAG AA ✓ Pass

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

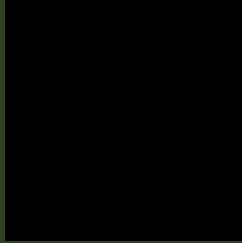
Any Text WCAG AA × Fail

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 2E4221 Background



This preview shows how black text looks on a background with the Hex color 2E4221.



This preview shows how white text looks on a background with the Hex color 2E4221.

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
2E4221

Protanopia
433C1F

Deuteranopia
493A23



Tritanopia
333E43

Trichromacy



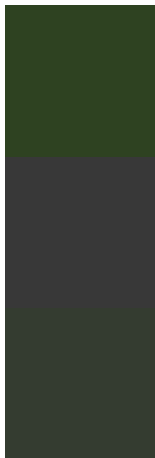
Original Color
2E4221

Protanomaly
3B3E20

Deuteranomaly
3F3D22

Tritanomaly
313F37

Monochromacy



Original Color
2E4221

Achromatopsia
383838

Achromatomaly
343C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4221 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 #2E4221 looks like.

```
.text, #text, p{  
    color:#2E4221  
}
```

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 #2E4221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4221
}
```

Border

The CSS property to change the border of an element to Hex 2E4221 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
#2E4221 }
```

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

```
.border{ border-color:#2E4221 }
```

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

Here you see how a box with a 4 pixel #2E4221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4221; -webkit-box-shadow:4px 4px  
4px 4px #2E4221; box-shadow:4px 4px 4px  
4px #2E4221 }
```

Background

The CSS property to change the background color of an element to Hex 2E4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4221 }
```

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

```
.background{ background-color:#2E4221 }
```

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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