

Converting Colors

Hex(2A3B21)

Have a look what the booklet for
Hex(2A3B21) contains.

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Color

Hex(2A3B21)

Conversions

Conversions Part 1

Format	Color
Hex	2A3B21
RGB	42, 59, 33
RGB Percent	16%, 23%, 13%
CMY	0.8353, 0.7686, 0.8706
CMYK	0.29, 0.00, 0.44, 0.77
HSL	99°, 28%, 18%
HSV	99°, 44%, 23%
XYZ	2.7933, 3.7300, 2.0116
YIQ	50.9530, -1.7860, -11.6900

Conversions

Conversions Part 2

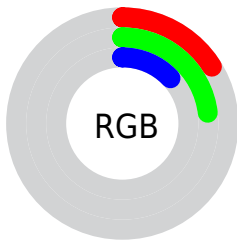
Format	Color
R _Y B	33, 59, 50
Decimal	2767649
CIE Lab	22.76, -12.76, 13.95
CIE LCh	23, 18.908, 132.445
Yxy	3.7300, 0.3273, 0.4370
Android (android.graphics.Color)	4280957729 (0xFF2A3B21)
YUV	50.9530, -8.8508, -7.8518
Hunter-Lab	19.3131, -7.9810, 7.3438

Details

The Hex color **2A3B21** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32213B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **586A4E**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **263B1B**, and if you desaturate by 10%, it is **2E3B27**.

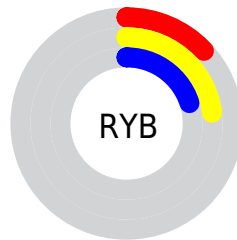
Distribution



Red (16%)

Green (23%)

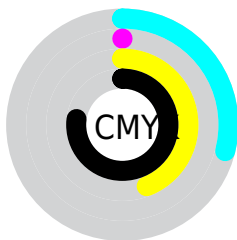
Blue (13%)



Red (13%)

Yellow (23%)

Blue (20%)

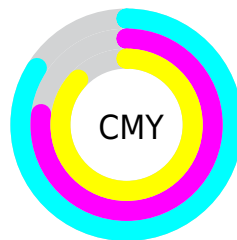


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (77%)



Cyan (84%)

Magenta (77%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3B21 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 2A3B21 by changing the saturation by 10% instead.



2A3B21



2A3B21

FFFFFF



15250B



586A4E



001100



718466



000000



8A9E7F



A5B999



C0D4B3



DCF1CF



F9FFEB



2A3B21



2A3B21

■ 263B1B

■ 2E3B27

■ 223B15

■ 323B2D

■ 1E3B0F

■ 363B33

■ 1B3B09

■ 393B39

■ 173B03

■ 3D3B3F

■ 143B00

■ 413B44

■ 453B4A

■ 493B50

■ 4D3B56

Harmonies

Analogous

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



3A371A



2A3B21



173D2D

Triad

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



2A3B21



0F3A51



512B31

Complementary

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



2A3B21



32213B

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.



4C2C3F



2A3B21



2B3652

Square

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



2A3B21



003D49



3F304B



4F2E24

Rectangle

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



2A3B21



063E37



3F304B



512B36

Sweetspot

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



2A3B21



464D43



3B3221



222620



A6A6A6



262626

Same Dimension

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



2A3B21



324D24



213B25



1D1F1C



215E00



4DDE00

Inverse Universe

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



32213B



3E244D



3B2137



1E1C1F



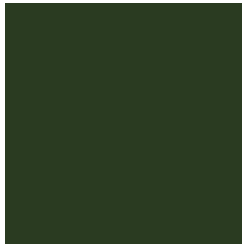
3E005E



9100DE

Previews

White Background



This preview shows how the Hex color 2A3B21 looks on a white background.

Color Contrast Check

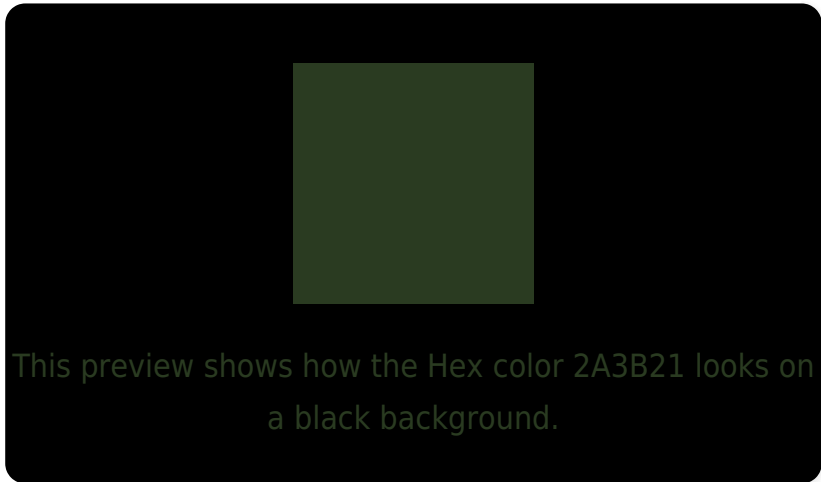
Large Text (above 18pt) WCAG AA ✓ Pass

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

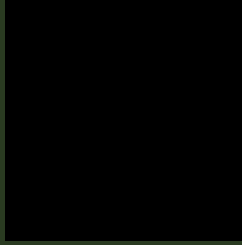
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

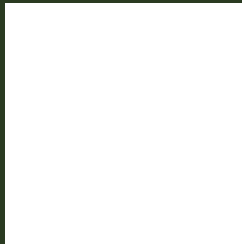
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A3B21 Background



This preview shows how black text looks on a background with the Hex color 2A3B21.



This preview shows how white text looks on a background with the Hex color 2A3B21.

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](#).

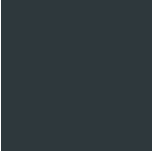
Dichromacy



Original Color
2A3B21

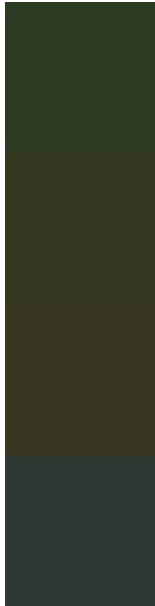
Protanopia
3B361F

Deuteranopia
413423



Tritanopia
2E383C

Trichromacy



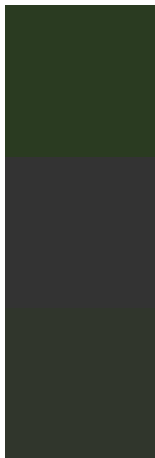
Original Color
2A3B21

Protanomaly
353820

Deuteranomaly
393722

Tritanomaly
2D3932

Monochromacy



Original Color
2A3B21

Achromatopsia
333333

Achromatomaly
30362C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3B21 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 #2A3B21 looks like.

```
.text, #text, p{  
    color:#2A3B21  
}
```

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 #2A3B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3B21
}
```

Border

The CSS property to change the border of an element to Hex 2A3B21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

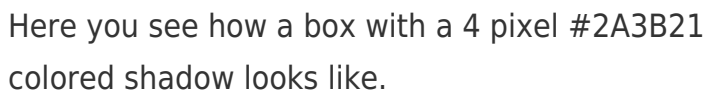
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3B21 }
```

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

```
.border{ border-color:#2A3B21 }
```

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



Here you see how a box with a 4 pixel #2A3B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3B21; -webkit-box-shadow:4px 4px  
4px 4px #2A3B21; box-shadow:4px 4px 4px  
4px #2A3B21 }
```

Background

The CSS property to change the background color of an element to Hex 2A3B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3B21 }
```

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

```
.background{ background-color:#2A3B21 }
```

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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