

Converting Colors

Hex(3A4E21)

Have a look what the booklet for
Hex(3A4E21) contains.

Hex(3A4E21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A4E21)

Conversions

Conversions Part 1

Format	Color
Hex	3A4E21
RGB	58, 78, 33
RGB Percent	23%, 31%, 13%
CMY	0.7725, 0.6941, 0.8706
CMYK	0.26, 0.00, 0.58, 0.69
HSL	87°, 41%, 22%
HSV	87°, 58%, 31%
XYZ	4.7438, 6.4581, 2.4354
YIQ	66.8900, 2.5250, -18.2350

Conversions

Conversions Part 2

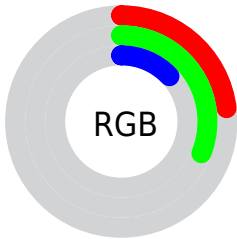
Format	Color
R_{YB}	33, 78, 53
Decimal	3821089
CIE _{Lab}	30.54, -16.51, 23.89
CIE _{LCh}	31, 29.042, 124.650
Yxy	6.4581, 0.3479, 0.4736
Android (android.graphics.Color)	428201169 (0xFF3A4E21)
YUV	66.8900, -16.7078, -7.7965
Hunter-Lab	25.4128, -11.1518, 12.1071

Details

The Hex color **3A4E21** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **35214E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6B7F4F**, and **0E2200** is the 20% darker color. If you saturate the color by 10%, you get **374E19**, and if you desaturate by 10%, it is **3D4E29**.

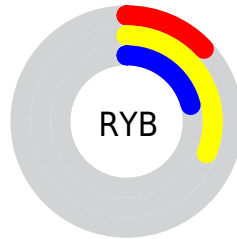
Distribution



Red (23%)

Green (31%)

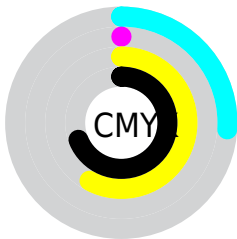
Blue (13%)



Red (13%)

Yellow (31%)

Blue (21%)

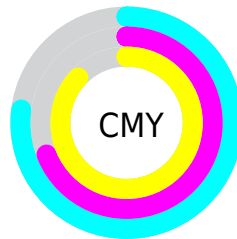


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (69%)



Cyan (77%)

Magenta (69%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4E21 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 3A4E21 by changing the saturation by 10% instead.

 3A4E21

 3A4E21

FFFFFF

 23370B

 6B7F4F

 0E2200

 849967

 000400

 9FB480

 000000

 BAD09B

 D6ECB6

 F2FFD1

 FFFFEE

 3A4E21

 3A4E21

■ 374E19

■ 3D4E29

■ 334E11

■ 414E31

■ 304E0A

■ 444E38

■ 2C4E02

■ 484E40

■ 2B4E00

■ 4B4E48

■ 4F4E50

■ 524E58

■ 564E5F

■ 594E67

Harmonies

Analogous

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



524819



3A4E21



1A5234

Triad

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



3A4E21



004F70



723445

Complementary

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



3A4E21



35214E

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.



67385C



3A4E21



254975

Square

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



3A4E21



005361



4E416D



70382F

Rectangle

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



3A4E21



005343



4E416D



6F354D

Sweetspot

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



3A4E21



5E6655



4E3521



2E3329



B3B3B3



333333

Same Dimension

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



3A4E21



476620



244E21



252622



396600



7FE600

Inverse Universe

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



35214E



3F2066



4B214E



242226



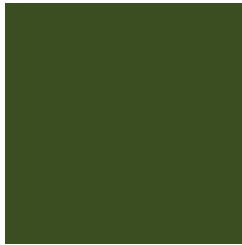
2D0066



6600E6

Previews

White Background



This preview shows how the Hex color 3A4E21 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

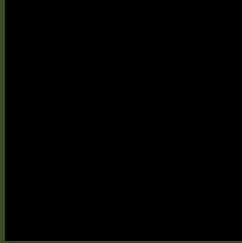
Any Text WCAG AA × Fail

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 3A4E21 Background



This preview shows how black text looks on a background with the Hex color 3A4E21.



This preview shows how white text looks on a background with the Hex color 3A4E21.

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](#).

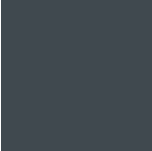
Dichromacy



Original Color
3A4E21

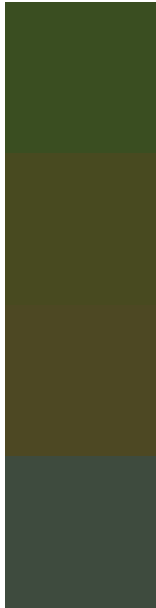
Protanopia
50481F

Deuteranopia
584424



Tritanopia
40494F

Trichromacy



Original Color
3A4E21

Protanomaly
484A20

Deuteranomaly
4D4823

Tritanomaly
3E4B3E

Monochromacy



Original Color
3A4E21

Achromatopsia
434343

Achromatomaly
404737

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4E21 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 #3A4E21 looks like.

```
.text, #text, p{  
    color:#3A4E21  
}
```

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 #3A4E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4E21
}
```

Border

The CSS property to change the border of an element to Hex 3A4E21 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".

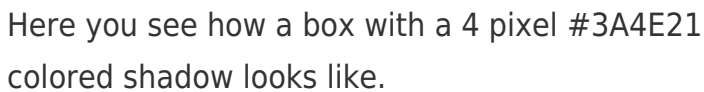
```
.border, #border, table{ border:4px solid
#3A4E21 }
```

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

```
.border{ border-color:#3A4E21 }
```

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

Here you see how a box with a 4 pixel #3A4E21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4E21; -webkit-box-shadow:4px 4px  
4px 4px #3A4E21; box-shadow:4px 4px 4px  
4px #3A4E21 }
```

Background

The CSS property to change the background color of an element to Hex 3A4E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4E21 }
```

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

```
.background{ background-color:#3A4E21 }
```

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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