

Converting Colors

Hex(215346)

Have a look what the booklet for
Hex(215346) contains.

Hex(215346)	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(215346)

Conversions

Conversions Part 1

Format	Color
Hex	215346
RGB	33, 83, 70
RGB Percent	13%, 33%, 27%
CMY	0.8706, 0.6745, 0.7255
CMYK	0.60, 0.00, 0.16, 0.67
HSL	164°, 43%, 23%
HSV	164°, 60%, 33%
XYZ	4.8259, 6.9520, 6.8819
YIQ	66.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

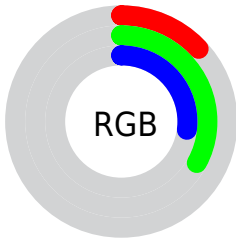
Format	Color
R_{YB}	33, 62, 83
Decimal	2184006
CIE _{Lab}	31.70, -20.45, 2.57
CIE _{LCh}	32, 20.606, 172.835
Yxy	6.9520, 0.2586, 0.3726
Android (android.graphics.Color)	4280374086 (0xFF215346)
YUV	66.5680, 1.6920, -29.4391
Hunter-Lab	26.3667, -13.4706, 2.9817

Details

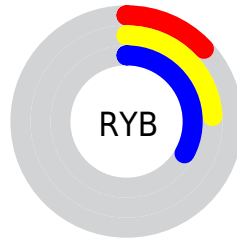
The Hex color **215346** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53212E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **538576**, and **00261B** is the 20% darker color. If you saturate the color by 10%, you get **195344**, and if you desaturate by 10%, it is **295348**.

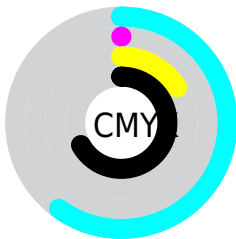
Distribution



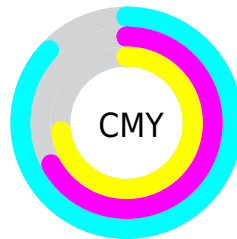
- Red (13%)
- Green (33%)
- Blue (27%)



- Red (13%)
- Yellow (24%)
- Blue (33%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (67%)



- Cyan (87%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215346 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 215346 by changing the saturation by 10% instead.

■ 215346

■ 215346

FFFFFF

■ 043C30

■ 538576

■ 00261B

■ 6C9F90

■ 000C00

■ 86BAAA

■ 000000

■ A1D6C6

■ BDF2E2

■ D9FFFE

■ F6FFFF

■ 215346

■ 215346

■ 195344

■ 295348

■ 105342

■ 32534A

■ 085340

■ 3A534C

■ 00533D

■ 42534F

■ 4A5351

■ 535353

■ 5B5355

■ 635357

■ 6C5359

Harmonies

Analogous

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



365137



215346



0B5357

Triad

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



215346



474868



654331

Complementary

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



215346



53212E

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.



6A3F3F



215346



5B425E

Square

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



215346



2D4D6A



673E4F



59482A

Rectangle

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



215346



0A5260



673E4F



674135

Sweetspot

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



215346



586B66



2E5321



2A3632



B5B5B5



363636

Same Dimension

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



215346



1E6B57



214753



252928



00694D



00E8AC

Inverse Universe

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



53212E



6B1E32



532D21



292526



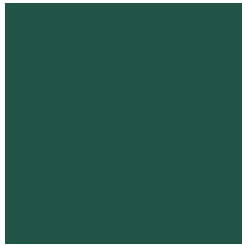
69001B



E8003C

Previews

White Background



This preview shows how the Hex color 215346 looks on a white background.

Color Contrast Check

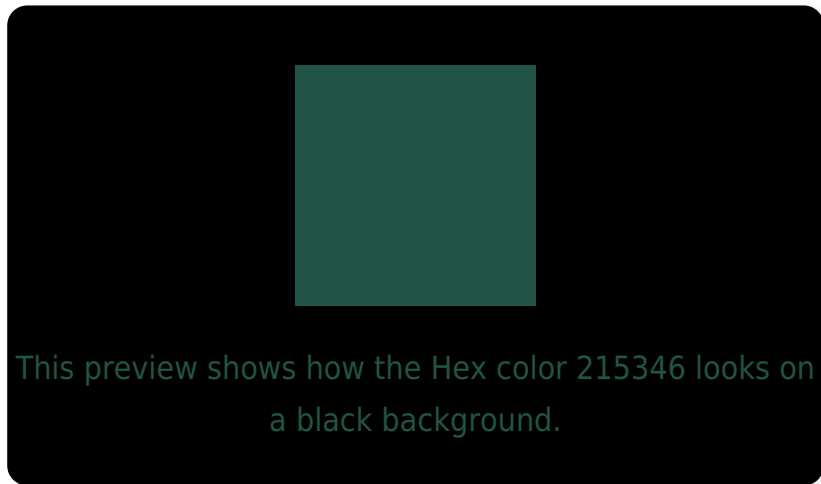
Large Text (above 18pt) WCAG AA ✓ Pass

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

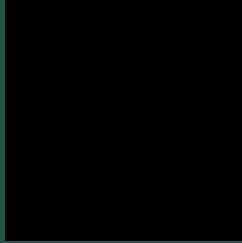
Any Text WCAG AA × Fail

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 215346 Background



This preview shows how black text looks on a background with the Hex color 215346.



This preview shows how white text looks on a background with the Hex color 215346.

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
215346

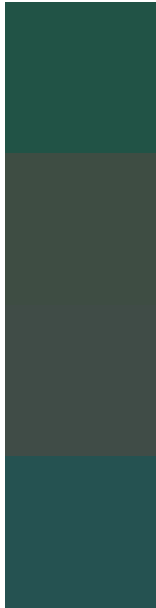
Protanopia
4E4A41

Deuteranopia
524848



Tritanopia
275157

Trichromacy



Original Color
215346

Protanomaly
3E4D43

Deuteranomaly
404C47

Tritanomaly
255251

Monochromacy



Original Color
215346

Achromatopsia
434343

Achromatomaly
374944

CSS Examples

Text

The CSS property to change the color of the text to Hex 215346 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 #215346 looks like.

```
.text, #text, p{  
    color:#215346  
}
```

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 #215346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215346
}
```

Border

The CSS property to change the border of an element to Hex 215346 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".

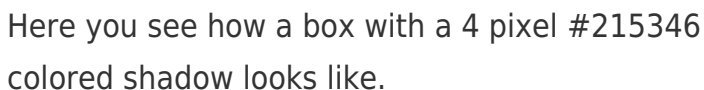
```
.border, #border, table{ border:4px solid
#215346 }
```

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

```
.border{ border-color:#215346 }
```

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

Here you see how a box with a 4 pixel #215346 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215346; -webkit-box-shadow:4px 4px  
4px 4px #215346; box-shadow:4px 4px 4px  
4px #215346 }
```

Background

The CSS property to change the background color of an element to Hex 215346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215346 }
```

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

```
.background{ background-color:#215346 }
```

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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