

Converting Colors

Hex(215344)

Have a look what the booklet for
Hex(215344) contains.

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Color

Hex(215344)

Conversions

Conversions Part 1

Format	Color
Hex	215344
RGB	33, 83, 68
RGB Percent	13%, 33%, 27%
CMY	0.8706, 0.6745, 0.7333
CMYK	0.60, 0.00, 0.18, 0.67
HSL	162°, 43%, 23%
HSV	162°, 60%, 33%
XYZ	4.7638, 6.9272, 6.5548
YIQ	66.3400, -24.9850, -15.2650

Conversions

Conversions Part 2

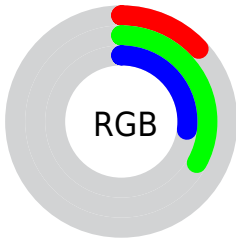
Format	Color
R_{YB}	33, 62, 83
Decimal	2184004
CIE _{Lab}	31.64, -21.00, 3.75
CIE _{LCh}	32, 21.330, 169.863
Yxy	6.9272, 0.2611, 0.3797
Android (android.graphics.Color)	4280374084 (0xFF215344)
YUV	66.3400, 0.8184, -29.2392
Hunter-Lab	26.3196, -13.7508, 3.6576

Details

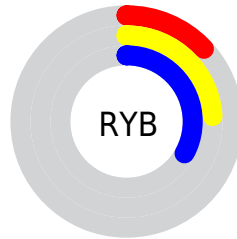
The Hex color **215344** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532130**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **538574**, and **002619** is the 20% darker color. If you saturate the color by 10%, you get **195342**, and if you desaturate by 10%, it is **295346**.

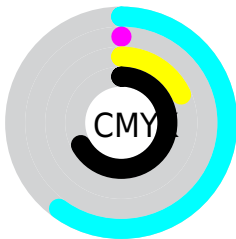
Distribution



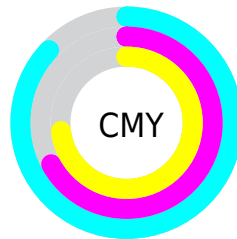
- Red (13%)
- Green (33%)
- Blue (27%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (18%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 215344 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 215344 by changing the saturation by 10% instead.



215344



215344

FFFFFF



053C2E



538574



002619



6C9F8E



000B00



86BAA8



000000



A1D6C3



BCF3DF



D9FFFC



F5FFFF



215344



215344

■ 195342

■ 295346

■ 10533F

■ 325349

■ 08533D

■ 3A534B

■ 00533A

■ 42534E

■ 4A5350

■ 535353

■ 5B5355

■ 635358

■ 6C535A

Harmonies

Analogous

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



375134



215344



065355

Triad

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



215344



44486A



664232

Complementary

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



215344



532130

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.



6B3E40



215344



5A4260

Square

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



215344



284E6B



673E51



5A4729

Rectangle

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



215344



00525F



673E51



694036

Sweetspot

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



215344



586B65



305321



2A3632



B5B5B5



363636

Same Dimension

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



215344



1E6B54



214953



252928



006949



00E8A2

Inverse Universe

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



532130



6B1E35



532B21



292526



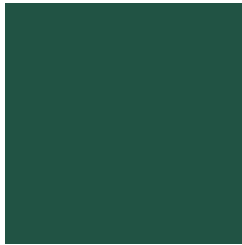
69001F



E80046

Previews

White Background



This preview shows how the Hex color 215344 looks on a white background.

Color Contrast Check

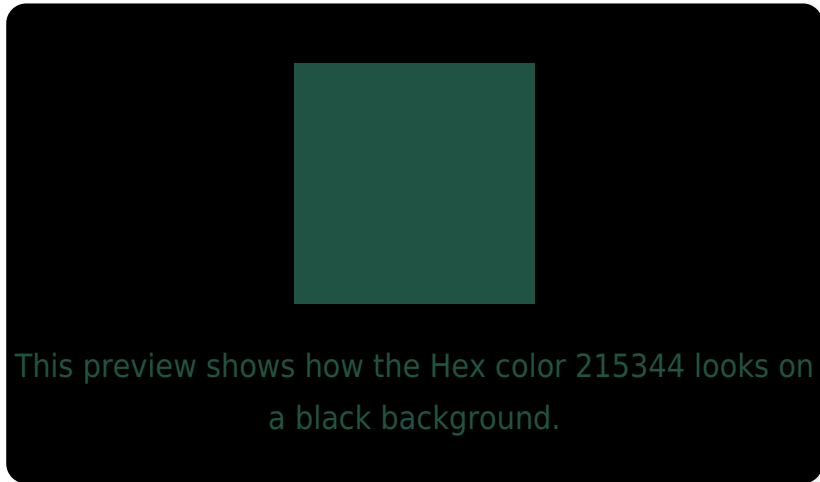
Large Text (above 18pt) WCAG AA ✓ Pass

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

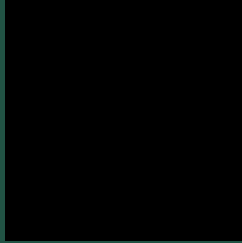
Any Text WCAG AA × Fail

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 215344 Background



This preview shows how black text looks on a background with the Hex color 215344.



This preview shows how white text looks on a background with the Hex color 215344.

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
215344

Protanopia
4E4A3F

Deuteranopia
534846



Tritanopia
285057

Trichromacy



Original Color
215344

Protanomaly
3E4D41

Deuteranomaly
414C45

Tritanomaly
255150

Monochromacy



Original Color
215344

Achromatopsia
424242

Achromatomaly
364843

CSS Examples

Text

The CSS property to change the color of the text to Hex 215344 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 #215344 looks like.

```
.text, #text, p{  
    color:#215344  
}
```

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 #215344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215344
}
```

Border

The CSS property to change the border of an element to Hex 215344 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
#215344 }
```

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

```
.border{ border-color:#215344 }
```

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

Here you see how a box with a 4 pixel #215344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215344; -webkit-box-shadow:4px 4px  
4px 4px #215344; box-shadow:4px 4px 4px  
4px #215344 }
```

Background

The CSS property to change the background color of an element to Hex 215344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215344 }
```

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

```
.background{ background-color:#215344 }
```

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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