

Converting Colors

Hex(215E30)

Have a look what the booklet for
Hex(215E30) contains.

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Color

Hex(215E30)

Conversions

Conversions Part 1

Format	Color
Hex	215E30
RGB	33, 94, 48
RGB Percent	13%, 37%, 19%
CMY	0.8706, 0.6314, 0.8118
CMYK	0.65, 0.00, 0.49, 0.63
HSL	135°, 48%, 25%
HSV	135°, 65%, 37%
XYZ	5.1634, 8.5421, 4.1730
YIQ	70.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

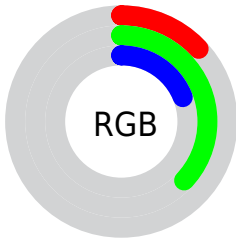
Format	Color
R_{YB}	33, 82, 94
Decimal	2186800
CIE _{Lab}	35.09, -30.84, 20.65
CIE _{LCh}	35, 37.114, 146.191
Yxy	8.5421, 0.2888, 0.4778
Android (android.graphics.Color)	4280376880 (0xFF215E30)
YUV	70.5170, -11.1009, -32.9024
Hunter-Lab	29.2269, -19.6123, 11.9936

Details

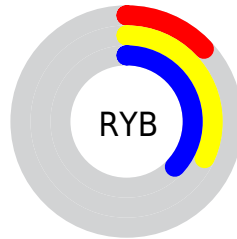
The Hex color **215E30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E214F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **55915F**, and **002F02** is the 20% darker color. If you saturate the color by 10%, you get **185E29**, and if you desaturate by 10%, it is **2A5E37**.

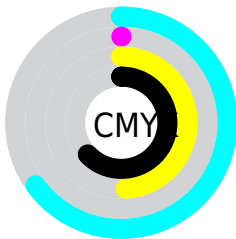
Distribution



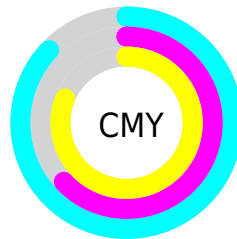
- Red (13%)
- Green (37%)
- Blue (19%)



- Red (13%)
- Yellow (32%)
- Blue (37%)



- Cyan (65%)
- Magenta (0%)
- Yellow (49%)
- Black (63%)





- Cyan (87%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215E30 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 215E30 by changing the saturation by 10% instead.

 215E30

 215E30

FFFFFF

 01461A

 55915F

 002F02

 6FAC78

 001A00

 89C792


 000000

 A4E4AC

 C0FFC8

 DCFE4

 F9FFFF

 215E30

 215E30

■ 185E29

■ 2A5E37

■ 0E5E22

■ 345E3E

■ 055E1B

■ 3D5E45

■ 005E17

■ 475E4C

■ 505E53

■ 595E5B

■ 635E62

■ 6C5E69

■ 765E70

Harmonies

Analogous

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



495919



215E30



00614E

Triad

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



215E30



00578E



883A3A

Complementary

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



215E30



5E214F

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.



863858



215E30



4D4C88

Square

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



215E30



005E83



734074



7C4421

Rectangle

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



215E30



006162



734074



893844

Sweetspot

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



215E30



637A69



505E21



2F3D33



BDBDBD



3D3D3D

Same Dimension

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



215E30



1B7A32



215E4E



292E2A



006E1B



00ED3A

Inverse Universe

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



5E214F



7A1B63



5E2131



2E292D



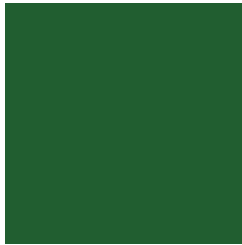
6E0053



ED00B3

Previews

White Background



This preview shows how the Hex color 215E30 looks on a white background.

Color Contrast Check

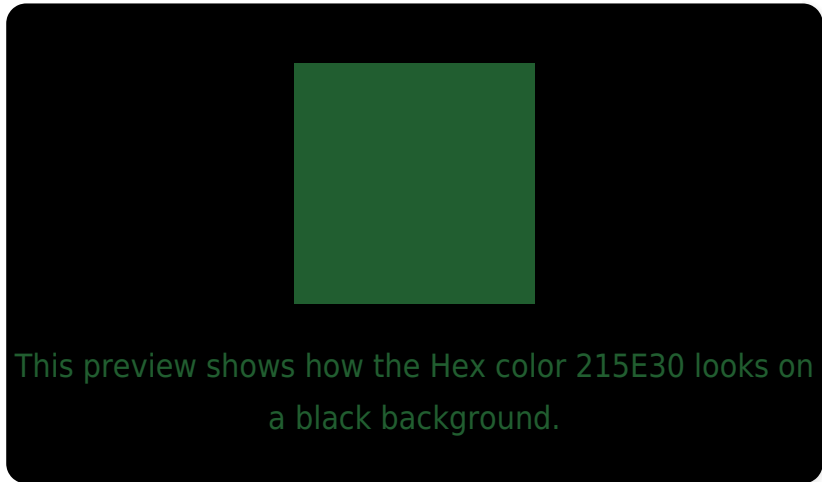
Large Text (above 18pt) WCAG AA ✓ Pass

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

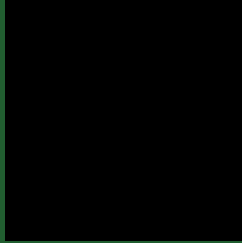
Any Text WCAG AA × Fail

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 215E30 Background



This preview shows how black text looks on a background with the Hex color 215E30.



This preview shows how white text looks on a background with the Hex color 215E30.

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
215E30

Protanopia
5B522C

Deuteranopia
634F34



Tritanopia
2F5960

Trichromacy



Original Color
215E30

Protanomaly
46562D

Deuteranomaly
4B5433

Tritanomaly
2A5B4F

Monochromacy



Original Color
215E30

Achromatopsia
474747

Achromatomaly
394F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 215E30 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 #215E30 looks like.

```
.text, #text, p{  
    color:#215E30  
}
```

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 #215E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215E30
}
```

Border

The CSS property to change the border of an element to Hex 215E30 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
#215E30 }
```

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

```
.border{ border-color:#215E30 }
```

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

Here you see how a box with a 4 pixel #215E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215E30; -webkit-box-shadow:4px 4px  
4px 4px #215E30; box-shadow:4px 4px 4px  
4px #215E30 }
```

Background

The CSS property to change the background color of an element to Hex 215E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215E30 }
```

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

```
.background{ background-color:#215E30 }
```

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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