

Converting Colors

Hex(215602)

Have a look what the booklet for
Hex(215602) contains.

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Color

Hex(215602)

Conversions

Conversions Part 1

Format	Color
Hex	215602
RGB	33, 86, 2
RGB Percent	13%, 34%, 1%
CMY	0.8706, 0.6627, 0.9922
CMYK	0.62, 0.00, 0.98, 0.66
HSL	98°, 95%, 17%
HSV	98°, 98%, 34%
XYZ	3.9659, 6.9833, 1.1963
YIQ	60.5770, -4.6240, -37.3600

Conversions

Conversions Part 2

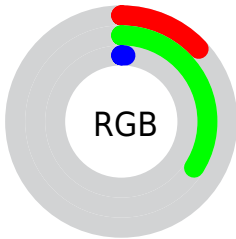
Format	Color
RYB	2, 86, 55
Decimal	2184706
CIELab	31.77, -32.48, 37.90
CIELCh	32, 49.910, 130.596
Yxy	6.9833, 0.3265, 0.5750
Android (android.graphics.Color)	4280374786 (0xFF215602)
YUV	60.5770, -28.8785, -24.1850
Hunter-Lab	26.4259, -19.4565, 15.8141

Details

The Hex color **215602** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **370256**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **558836**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **205600**, and if you desaturate by 10%, it is **26560B**.

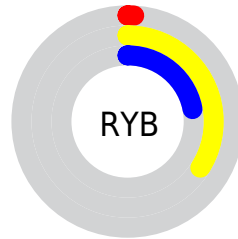
Distribution



Red (13%)

Green (34%)

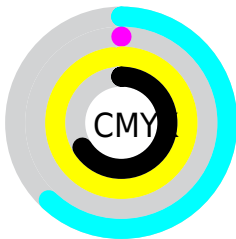
Blue (1%)



Red (1%)

Yellow (34%)

Blue (22%)

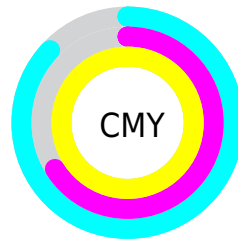


Cyan (62%)

Magenta (0%)

Yellow (98%)

Black (66%)



Cyan (87%)


Magenta (66%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215602 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 215602 by changing the saturation by 10% instead.

 215602

 215602

 FFFFF1

 053E00

 558836

 002800

 6FA34F

 000C00

 8ABE68


 000000


 A5DA82

 C1F79D

 DEFFB8

 FBFFD4

 215602

 215602

■ 205600

■ 26560B

■ 2C5613

■ 31561C

■ 375624

■ 3C562D

■ 425636

■ 47563E

■ 4C5647

■ 52564F

Harmonies

Analogous

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



4F4D00



215602



005A2F

Triad

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



215602



005695



8F1B3F

Complementary

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



215602



370256

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.



832366



215602



004B99

Square

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



215602



005B7D



5D3987



872C19

Rectangle

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



215602



005C4A



5D3987



8D1B4C

Sweetspot

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



215602



5C7050



563602



2C3824



B8B8B8



383838

Same Dimension

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



215602



297000



02560C



292B27



286B00



57EB00

Inverse Universe

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



370256



470070



56024C



2A272B



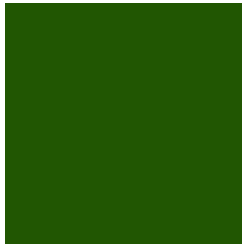
44006B



9400EB

Previews

White Background



This preview shows how the Hex color 215602 looks on a white background.

Color Contrast Check

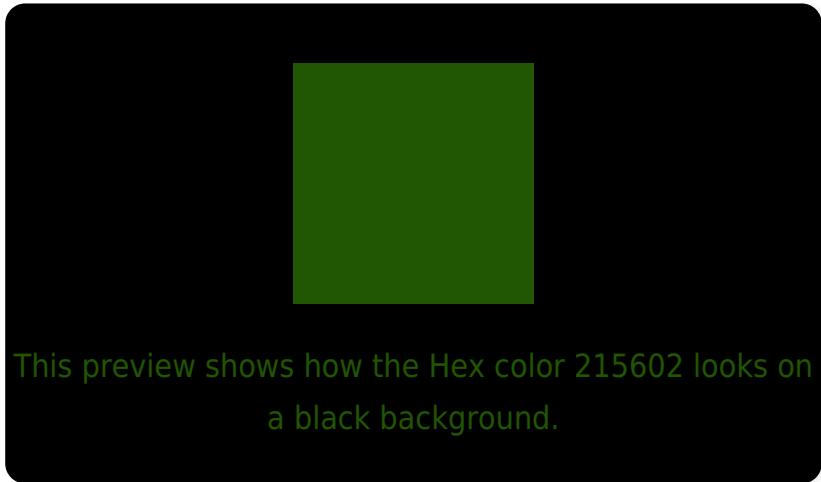
Large Text (above 18pt) WCAG AA ✓ Pass

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

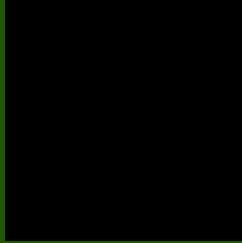
Any Text WCAG AA × Fail

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 215602 Background



This preview shows how black text looks on a background with the Hex color 215602.



This preview shows how white text looks on a background with the Hex color 215602.

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
215602

Protanopia
544B00

Deuteranopia
5E4712



Tritanopia
2F5056

Trichromacy



Original Color
215602

Protanomaly
414F01

Deuteranomaly
484C0C

Tritanomaly
2A5237

Monochromacy



Original Color
215602

Achromatopsia
3D3D3D

Achromatomaly
334628

CSS Examples

Text

The CSS property to change the color of the text to Hex 215602 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 #215602 looks like.

```
.text, #text, p{  
    color:#215602  
}
```

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 #215602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215602
}
```

Border

The CSS property to change the border of an element to Hex 215602 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".

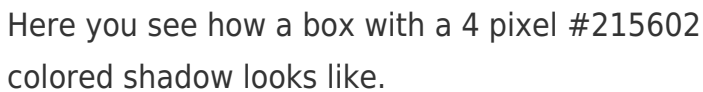
```
.border, #border, table{ border:4px solid
#215602 }
```

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

```
.border{ border-color:#215602 }
```

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

Here you see how a box with a 4 pixel #215602 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215602; -webkit-box-shadow:4px 4px  
4px 4px #215602; box-shadow:4px 4px 4px  
4px #215602 }
```

Background

The CSS property to change the background color of an element to Hex 215602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215602 }
```

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

```
.background{ background-color:#215602 }
```

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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