

Converting Colors

Hex(235500)

Have a look what the booklet for
Hex(235500) contains.

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Color

Hex(235500)

Conversions

Conversions Part 1

Format	Color
Hex	235500
RGB	35, 85, 0
RGB Percent	14%, 33%, 0%
CMY	0.8627, 0.6667, 1.0000
CMYK	0.59, 0.00, 1.00, 0.67
HSL	95°, 100%, 17%
HSV	95°, 100%, 33%
XYZ	3.9416, 6.8543, 1.1153
YIQ	60.3600, -2.5150, -37.0350

Conversions

Conversions Part 2

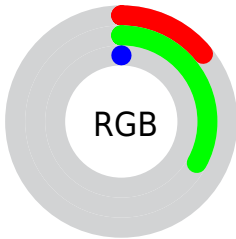
Format	Color
RYB	0, 85, 50
Decimal	2315520
CIELab	31.47, -31.56, 38.42
CIELCh	31, 49.715, 129.402
Yxy	6.8543, 0.3309, 0.5755
Android (android.graphics.Color)	4280505600 (0xFF235500)
YUV	60.3600, -29.7575, -22.2407
Hunter-Lab	26.1808, -18.9423, 15.8008

Details

The Hex color **235500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **320055**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **578735**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **235500**, and if you desaturate by 10%, it is **285508**.

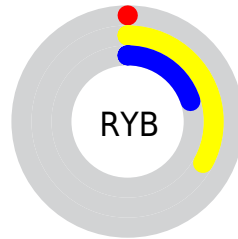
Distribution



Red (14%)

Green (33%)

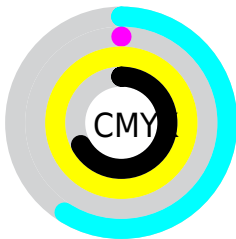
Blue (0%)



Red (0%)

Yellow (33%)

Blue (20%)

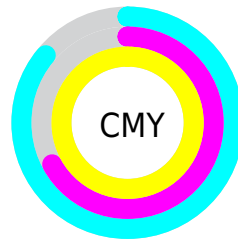


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (86%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235500 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 235500 by changing the saturation by 10% instead.

 235500

 235500

 FFFFEF

 073D00

 578735

 002700

 71A24D

 000A00

 8CBD67

 000000

 A7D980

 C3F59B

 DFFFB6

 FDFFD2

 235500

■ 285508

■ 2D5511

■ 325519

■ 375522

■ 3C552A

■ 415533

■ 46553B

■ 4B5544

■ 50554C

Harmonies

Analogous

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



504C00



235500



00592D

Triad

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



235500



005693



8E1A40

Complementary

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



235500



320055

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.



812466



235500



004B98

Square

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



235500



005A7B



5A3987



862A1A

Rectangle

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



235500



005B48



5A3987



8C1A4D

Sweetspot

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



235500



5A6E4D



553200



2C3824



B8B8B8



383838

Same Dimension

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



235500



2D6E00



005507



292B27



2C6B00



61EB00

Inverse Universe

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



320055



40006E



55004E



2A272B



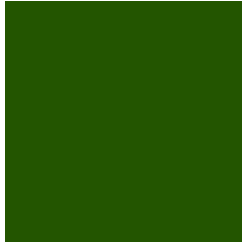
3F006B



8A00EB

Previews

White Background



This preview shows how the Hex color 235500 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

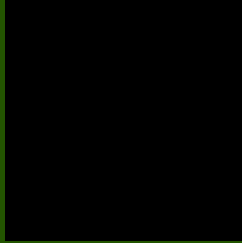
Any Text WCAG AA × Fail

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 235500 Background



This preview shows how black text looks on a background with the Hex color 235500.



This preview shows how white text looks on a background with the Hex color 235500.

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
235500

Protanopia
544A00

Deuteranopia
5D4612



Tritanopia
304F55

Trichromacy



Original Color
235500

Protanomaly
424E00

Deuteranomaly
484B0B

Tritanomaly
2B5136

Monochromacy



Original Color
235500

Achromatopsia
3C3C3C

Achromatomaly
334526

CSS Examples

Text

The CSS property to change the color of the text to Hex 235500 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 #235500 looks like.

```
.text, #text, p{  
    color:#235500  
}
```

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 #235500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235500
}
```

Border

The CSS property to change the border of an element to Hex 235500 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
#235500 }
```

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

```
.border{ border-color:#235500 }
```

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

Here you see how a box with a 4 pixel #235500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235500; -webkit-box-shadow:4px 4px  
4px 4px #235500; box-shadow:4px 4px 4px  
4px #235500 }
```

Background

The CSS property to change the background color of an element to Hex 235500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235500 }
```

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

```
.background{ background-color:#235500 }
```

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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