

Converting Colors

Hex(235427)

Have a look what the booklet for
Hex(235427) contains.

Hex(235427)	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(235427)

Conversions

Conversions Part 1

Format	Color
Hex	235427
RGB	35, 84, 39
RGB Percent	14%, 33%, 15%
CMY	0.8627, 0.6706, 0.8471
CMYK	0.58, 0.00, 0.54, 0.67
HSL	125°, 41%, 23%
HSV	125°, 58%, 33%
XYZ	4.2297, 6.8445, 3.0176
YIQ	64.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

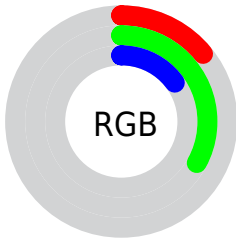
Format	Color
R_{YB}	35, 80, 84
Decimal	2315303
CIE _{Lab}	31.45, -27.34, 21.29
CIE _{LCh}	31, 34.651, 142.099
Y _{xy}	6.8445, 0.3002, 0.4857
Android (android.graphics.Color)	4280505383 (0xFF235427)
YUV	64.2190, -12.4330, -25.6251
Hunter-Lab	26.1619, -16.9248, 11.4745

Details

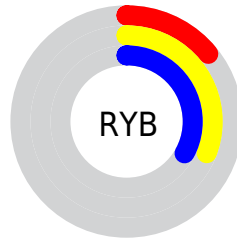
The Hex color **235427** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542350**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **558655**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **1B541F**, and if you desaturate by 10%, it is **2B542F**.

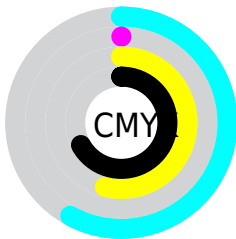
Distribution



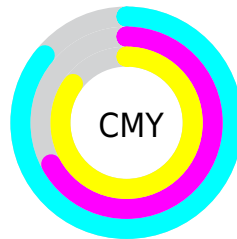
- Red (14%)
- Green (33%)
- Blue (15%)



- Red (14%)
- Yellow (31%)
- Blue (33%)



- Cyan (58%)
- Magenta (0%)
- Yellow (54%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235427 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 235427 by changing the saturation by 10% instead.

 235427

 235427


FFFFFF

 073C11

 558655

 002600

 6EA16E

 000A00

 88BC87

 000000

 A3D8A2

 BFF4BD

 DBFFD9

 F8FFF5

 235427

 235427

■ 1B541F

■ 2B542F

■ 125418

■ 345436

■ 0A5410

■ 3C543E

■ 015408

■ 455446

■ 005407

■ 4D544E

■ 555455

■ 5E545D

■ 665465

■ 6F546C

Harmonies

Analogous

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



454F13



235427



005742

Triad

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



235427



004F80



7B3337

Complementary

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



235427



542350

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.



783252



235427



3E467C

Square

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



235427



005574



643A6C



723C20

Rectangle

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



235427



005755



643A6C



7C3140

Sweetspot

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



235427



5A6E5C



515423



2C382D



B8B8B8



383838

Same Dimension

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



235427



216E27



23543F



252925



006909



00E813

Inverse Universe

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



542350



6E2167



542338



292528



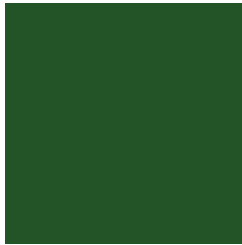
690060



E800D5

Previews

White Background



This preview shows how the Hex color 235427 looks on a white background.

Color Contrast Check

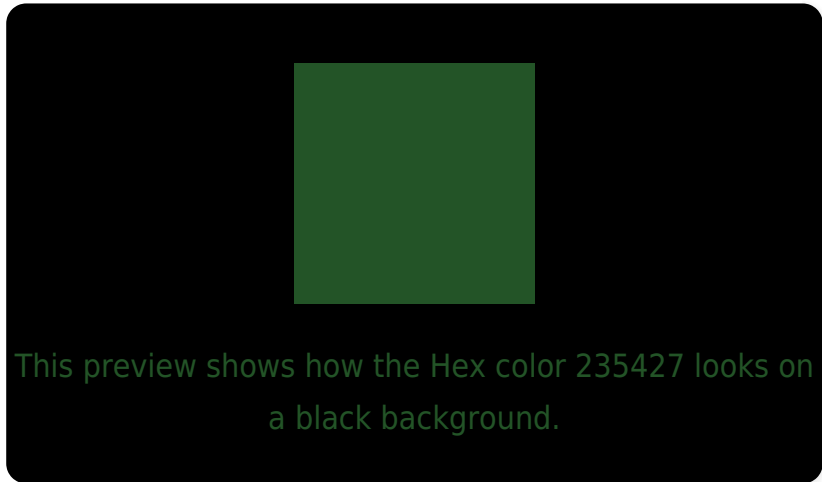
Large Text (above 18pt) WCAG AA ✓ Pass

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

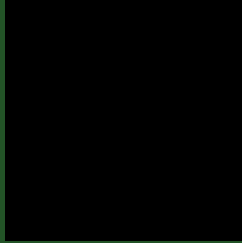
Any Text WCAG AA × Fail

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 235427 Background



This preview shows how black text looks on a background with the Hex color 235427.



This preview shows how white text looks on a background with the Hex color 235427.

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
235427

Protanopia
524A24

Deuteranopia
5A462B



Tritanopia
2E4F55

Trichromacy



Original Color
235427

Protanomaly
414E25

Deuteranomaly
464B2A

Tritanomaly
2A5144

Monochromacy



Original Color
235427

Achromatopsia
404040

Achromatomaly
354737

CSS Examples

Text

The CSS property to change the color of the text to Hex 235427 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 #235427 looks like.

```
.text, #text, p{  
    color:#235427  
}
```

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 #235427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235427
}
```

Border

The CSS property to change the border of an element to Hex 235427 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".

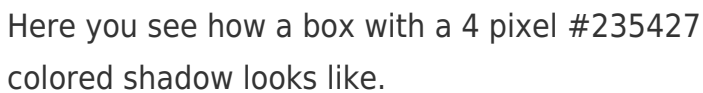
```
.border, #border, table{ border:4px solid
#235427 }
```

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

```
.border{ border-color:#235427 }
```

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

Here you see how a box with a 4 pixel #235427 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235427; -webkit-box-shadow:4px 4px  
4px 4px #235427; box-shadow:4px 4px 4px  
4px #235427 }
```

Background

The CSS property to change the background color of an element to Hex 235427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235427 }
```

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

```
.background{ background-color:#235427 }
```

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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