

Converting Colors

Hex(227235)

Have a look what the booklet for
Hex(227235) contains.

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Color

Hex(227235)

Conversions

Conversions Part 1

Format	Color
Hex	227235
RGB	34, 114, 53
RGB Percent	13%, 45%, 21%
CMY	0.8667, 0.5529, 0.7922
CMYK	0.70, 0.00, 0.54, 0.55
HSL	134°, 54%, 29%
HSV	134°, 70%, 45%
XYZ	7.3196, 12.6318, 5.4205
YIQ	83.1260, -28.0990, -35.9310

Conversions

Conversions Part 2

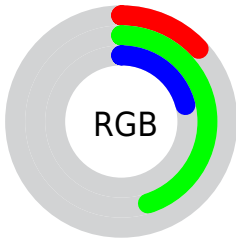
Format	Color
RYB	34, 99, 114
Decimal	2257461
CIELab	42.20, -38.15, 26.78
CIElCh	42, 46.609, 144.936
Yxy	12.6318, 0.2885, 0.4979
Android (android.graphics.Color)	4280447541 (0xFF227235)
YUV	83.1260, -14.8521, -43.0835
Hunter-Lab	35.5412, -25.4355, 15.8362

Details

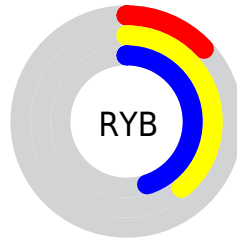
The Hex color **227235** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **72225F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5AA765**, and **004107** is the 20% darker color. If you saturate the color by 10%, you get **17722C**, and if you desaturate by 10%, it is **2D723E**.

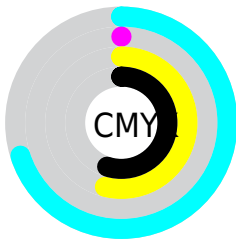
Distribution



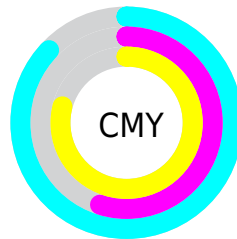
- Red (13%)
- Green (45%)
- Blue (21%)



- Red (13%)
- Yellow (39%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (54%)
- Black (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227235 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 227235 by changing the saturation by 10% instead.

 227235

 227235

FFFFFF

 00591E

 5AA765

 004107

 75C27E

 002A00

 90DE99

 000E00

 ACFBB4

 000000

 C8FFCF

 E5FFEC

 227235

 227235

 17722C

 2D723E

■ 0B7224

■ 397246

■ 00721B

■ 44724F

■ 507258

■ 5B7260

■ 667269

■ 727272

■ 7D727B

■ 897283

Harmonies

Analogous

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



586B15



227235



00755C

Triad

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



227235



006AB0



A84246

Complementary

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



227235



72225F

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.



A53F6C



227235



585CAA

Square

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



227235



0072A2



8C4B90



995024

Rectangle

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



227235



007676



8C4B90



A93F52

Sweetspot

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



227235



75947C



5F7222



374A3C



C9C9C9



4A4A4A

Same Dimension

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



227235



189435



22725D



323834



00781C



00F73B

Inverse Universe

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



72225F



941876



722237



383237



78005B



F700BD

Previews

White Background



This preview shows how the Hex color 227235 looks on a white background.

Color Contrast Check

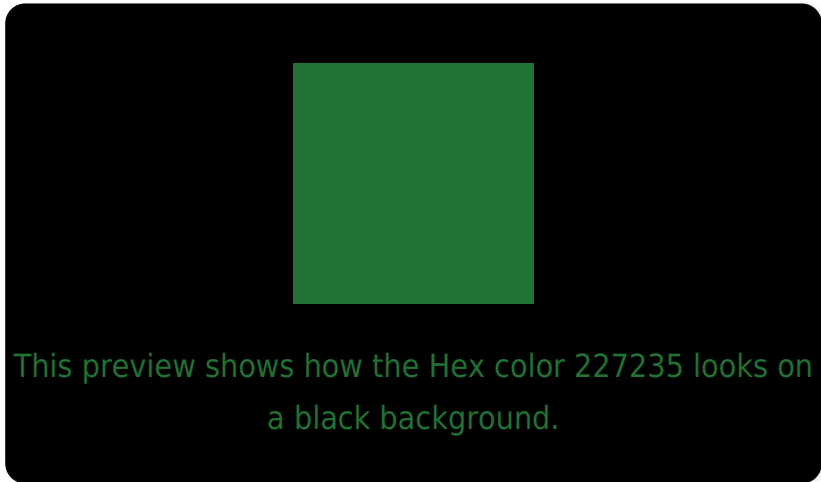
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

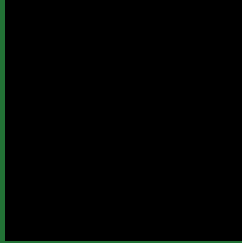
Any Text WCAG AA × Fail

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 227235 Background



This preview shows how black text looks on a background with the Hex color 227235.



This preview shows how white text looks on a background with the Hex color 227235.

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
227235

Protanopia
6E6330

Deuteranopia
785F3A



Tritanopia
366B74

Trichromacy



Original Color
227235

Protanomaly
526832

Deuteranomaly
596638

Tritanomaly
2F6E5D

Monochromacy



Original Color
227235

Achromatopsia
535353

Achromatomaly
415E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 227235 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 #227235 looks like.

```
.text, #text, p{  
    color:#227235  
}
```

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 #227235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227235
}
```

Border

The CSS property to change the border of an element to Hex 227235 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
#227235 }
```

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

```
.border{ border-color:#227235 }
```

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

Here you see how a box with a 4 pixel #227235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227235; -webkit-box-shadow:4px 4px  
4px 4px #227235; box-shadow:4px 4px 4px  
4px #227235 }
```

Background

The CSS property to change the background color of an element to Hex 227235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227235 }
```

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

```
.background{ background-color:#227235 }
```

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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