

Converting Colors

Hex(257A28)

Have a look what the booklet for
Hex(257A28) contains.

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Color

Hex(257A28)

Conversions

Conversions Part 1

Format	Color
Hex	257A28
RGB	37, 122, 40
RGB Percent	15%, 48%, 16%
CMY	0.8549, 0.5216, 0.8431
CMYK	0.70, 0.00, 0.67, 0.52
HSL	122°, 53%, 31%
HSV	122°, 70%, 48%
XYZ	8.1055, 14.4656, 4.3724
YIQ	87.2370, -24.3380, -43.5220

Conversions

Conversions Part 2

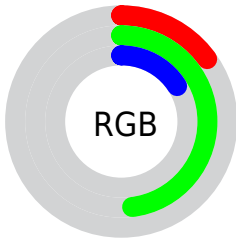
Format	Color
R_{YB}	37, 119, 122
Decimal	2456104
CIE _{Lab}	44.89, -42.39, 36.50
CIE _{LCh}	45, 55.939, 139.270
Yxy	14.4656, 0.3008, 0.5369
Android (android.graphics.Color)	4280646184 (0xFF257A28)
YUV	87.2370, -23.2878, -44.0578
Hunter-Lab	38.0336, -28.5181, 19.8075

Details

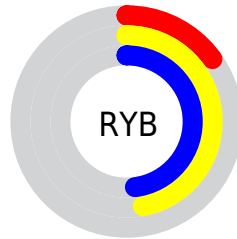
The Hex color **257A28** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A2577**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5EAF59**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **197A1C**, and if you desaturate by 10%, it is **317A34**.

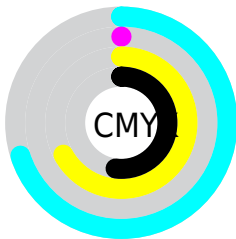
Distribution



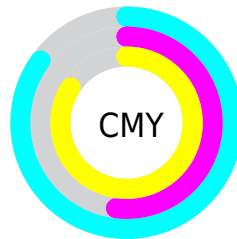
- Red (15%)
- Green (48%)
- Blue (16%)



- Red (15%)
- Yellow (47%)
- Blue (48%)



- Cyan (70%)
- Magenta (0%)
- Yellow (67%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257A28 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 257A28 by changing the saturation by 10% instead.

 257A28

 257A28

FFFFFF

 00610E

 5EAF59

 004800

 7ACB72

 003100

 95E88D

 001A00

 B2FFA8

 000000

 CEFFC3

 EBFFDF

 FFFFFC

 257A28

 257A28

■ 197A1C

■ 317A34

■ 0D7A10

■ 3D7A40

■ 007A05

■ 4A7A4B

■ 007A04

■ 567A57

■ 627A63

■ 6E7A6F

■ 7A7A7A

■ 877A86

■ 937A92

Harmonies

Analogous

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



637100



257A28



007E57

Triad

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



257A28



0075C6



BC3B4E

Complementary

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



257A28



7A2577

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.



B53B7D



257A28



4465C3

Square

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



257A28



007DB0



914FA8



AD4E23

Rectangle

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



257A28



008078



914FA8



BD385E

Sweetspot

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



257A28



7D9E7E



777A25



3B4F3C



CFCFCF



4F4F4F

Same Dimension

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



257A28



199E1E



257A52



373D37



007D04



00FC09

Inverse Universe

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



7A2577



9E1999



7A254D



3D373D



7D0079



FC00F4

Previews

White Background



This preview shows how the Hex color 257A28 looks on a white background.

Color Contrast Check

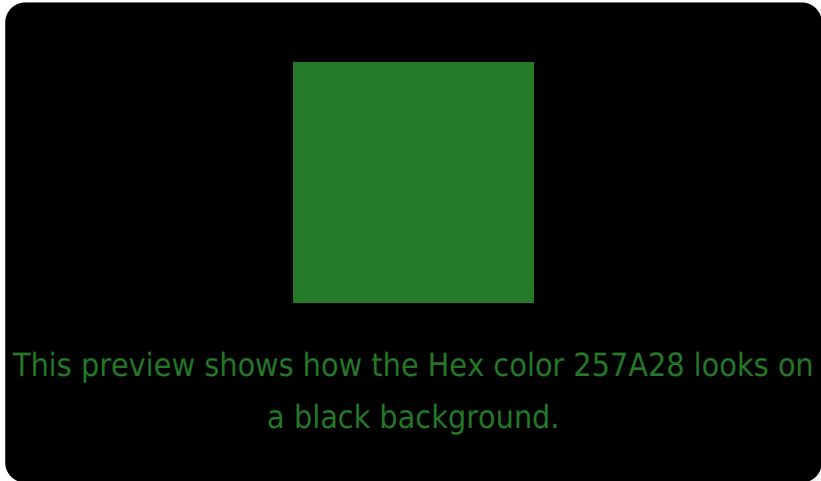
Large Text (above 18pt) WCAG AA ✓ Pass

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

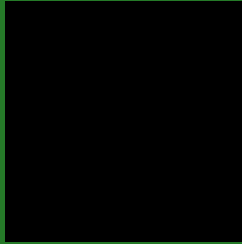
Any Text WCAG AA × Fail

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 257A28 Background



This preview shows how black text looks on a background with the Hex color 257A28.



This preview shows how white text looks on a background with the Hex color 257A28.

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
257A28

Protanopia
766A24

Deuteranopia
83652F



Tritanopia
3C727B

Trichromacy



Original Color
257A28

Protanomaly
597025

Deuteranomaly
616D2C

Tritanomaly
34755D

Monochromacy



Original Color
257A28

Achromatopsia
575757

Achromatomaly
456446

CSS Examples

Text

The CSS property to change the color of the text to Hex 257A28 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 #257A28 looks like.

```
.text, #text, p{  
    color:#257A28  
}
```

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 #257A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257A28
}
```

Border

The CSS property to change the border of an element to Hex 257A28 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
#257A28 }
```

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

```
.border{ border-color:#257A28 }
```

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

Here you see how a box with a 4 pixel #257A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257A28; -webkit-box-shadow:4px 4px  
4px 4px #257A28; box-shadow:4px 4px 4px  
4px #257A28 }
```

Background

The CSS property to change the background color of an element to Hex 257A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257A28 }
```

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

```
.background{ background-color:#257A28 }
```

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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