

Converting Colors

Hex(527728)

Have a look what the booklet for
Hex(527728) contains.

Hex(527728)	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(527728)

Conversions

Conversions Part 1

Format	Color
Hex	527728
RGB	82, 119, 40
RGB Percent	32%, 47%, 16%
CMY	0.6784, 0.5333, 0.8431
CMYK	0.31, 0.00, 0.66, 0.53
HSL	88°, 50%, 31%
HSV	88°, 66%, 47%
XYZ	10.4595, 15.1407, 4.3787
YIQ	98.9310, 3.3070, -32.4130

Conversions

Conversions Part 2

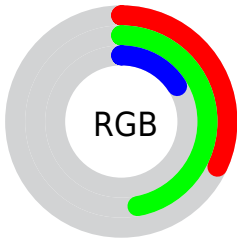
Format	Color
RYB	40, 119, 77
Decimal	5404456
CIELab	45.83, -26.89, 38.08
CIElCh	46, 46.613, 125.229
Yxy	15.1407, 0.3489, 0.5050
Android (android.graphics.Color)	4283594536 (0xFF527728)
YUV	98.9310, -29.0530, -14.8485
Hunter-Lab	38.9110, -20.1125, 20.5658

Details

The Hex color **527728** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4D2877**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **86AB59**, and **204600** is the 20% darker color. If you saturate the color by 10%, you get **4C771C**, and if you desaturate by 10%, it is **587734**.

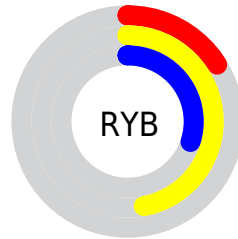
Distribution



Red (32%)

Green (47%)

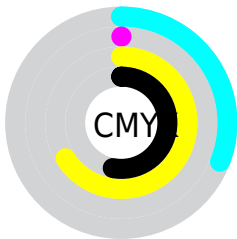
Blue (16%)



Red (16%)

Yellow (47%)

Blue (30%)

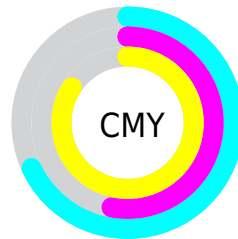


Cyan (31%)

Magenta (0%)

Yellow (66%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 527728 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 527728 by changing the saturation by 10% instead.



527728



527728

FFFFFF



395E0E



86AB59



204600



A1C773



042F00



BDE38D



001D00



D9FFA8



000000



F6FFC3



FFFFE0



FFFFFC



527728



527728

■ 4C771C

■ 587734

■ 477710

■ 5D7740

■ 417704

■ 63774C

■ 3F7700

■ 687758

■ 6E7764

■ 73776F

■ 79777B

■ 7F7787

■ 847793

Harmonies

Analogous

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



7B6D16



527728



007D4A

Triad

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



527728



0079B3



B34867

Complementary

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



527728



4D2877

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.



A14F8E



527728



1E6FBA

Square

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



527728



007E99



775FAD



AF4F42

Rectangle

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



527728



007F65



775FAD



AF4974

Sweetspot

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



527728



8D9C7C



774D28



464F3C



CFCFCF



4F4F4F

Same Dimension

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



527728



619C1F



2B7728



383B35



417A00



85FA00

Inverse Universe

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



4D2877



591F9C



742877



38353B



39007A



7500FA

Previews

White Background



This preview shows how the Hex color 527728 looks on a white background.

Color Contrast Check

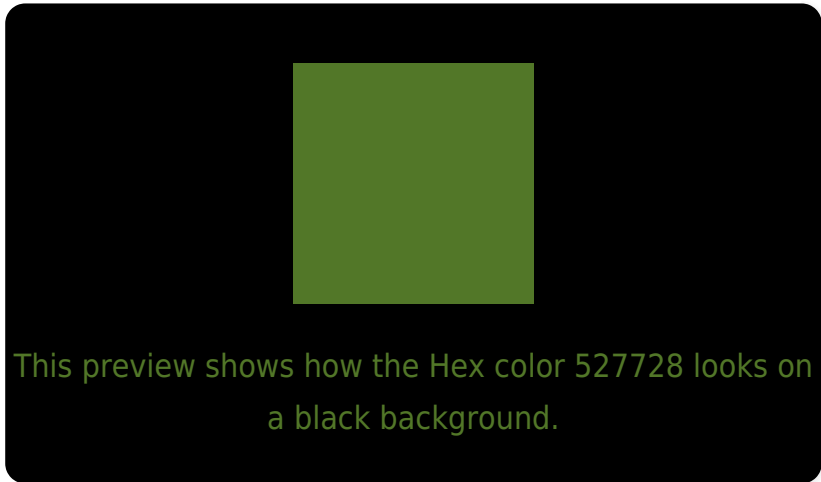
Large Text (above 18pt) WCAG AA ✓ Pass

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

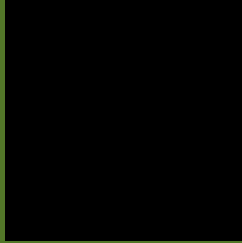
Any Text WCAG AA × Fail

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 527728 Background



This preview shows how black text looks on a background with the Hex color 527728.



This preview shows how white text looks on a background with the Hex color 527728.

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
527728

Protanopia
796C25

Deuteranopia
86672D



Tritanopia
5D6F78

Trichromacy



Original Color
527728

Protanomaly
6B7026

Deuteranomaly
736D2B

Tritanomaly
59725B

Monochromacy



Original Color
527728

Achromatopsia
636363

Achromatomaly
5D6A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 527728 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 #527728 looks like.

```
.text, #text, p{  
    color:#527728  
}
```

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 #527728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527728
}
```

Border

The CSS property to change the border of an element to Hex 527728 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
#527728 }
```

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

```
.border{ border-color:#527728 }
```

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

Here you see how a box with a 4 pixel #527728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527728; -webkit-box-shadow:4px 4px  
4px 4px #527728; box-shadow:4px 4px 4px  
4px #527728 }
```

Background

The CSS property to change the background color of an element to Hex 527728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527728 }
```

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

```
.background{ background-color:#527728 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor