

Converting Colors

Hex(287724)

Have a look what the booklet for
Hex(287724) contains.

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Color

Hex(287724)

Conversions

Conversions Part 1

Format	Color
Hex	287724
RGB	40, 119, 36
RGB Percent	16%, 47%, 14%
CMY	0.8431, 0.5333, 0.8588
CMYK	0.66, 0.00, 0.70, 0.53
HSL	117°, 54%, 30%
HSV	117°, 70%, 47%
XYZ	7.7903, 13.7721, 3.9168
YIQ	85.9170, -20.4410, -42.5610

Conversions

Conversions Part 2

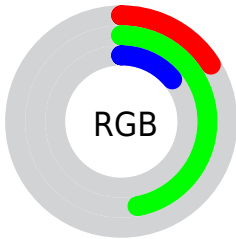
Format	Color
R_{YB}	36, 119, 115
Decimal	2651940
CIE _{Lab}	43.90, -41.02, 37.26
CIE _{LCh}	44, 55.415, 137.747
Yxy	13.7721, 0.3058, 0.5405
Android (android.graphics.Color)	4280842020 (0xFF287724)
YUV	85.9170, -24.6091, -40.2692
Hunter-Lab	37.1108, -27.4731, 19.7200

Details

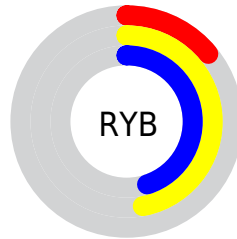
The Hex color **287724** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **732477**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **60AC55**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **1D7718**, and if you desaturate by 10%, it is **337730**.

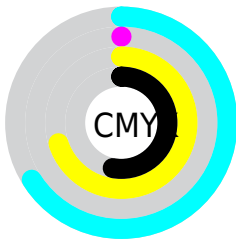
Distribution



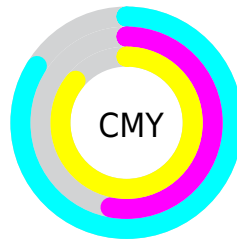
- Red (16%)
- Green (47%)
- Blue (14%)



- Red (14%)
- Yellow (47%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (70%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287724 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 287724 by changing the saturation by 10% instead.

 287724

 287724


FFFFFF

 005E09

 60AC55

 004500

 7BC86F

 002E00

 97E489

 001600

 B3FFA3

 000000

 CFFFBF

 ECFFDB

 FFFFF8

 287724

 287724

■ 1D7718

■ 337730

■ 11770C

■ 3F773C

■ 067700

■ 4A7748

■ 557754

■ 617760

■ 6C776B

■ 777777

■ 837783

■ 8E778F

Harmonies

Analogous

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



636E00



287724



007C53

Triad

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



287724



0073C2



B9394F

Complementary

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



287724



732477

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.



B03A7D



287724



3B64C0

Square

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



287724



007AAB



8B4EA6



AB4B24

Rectangle

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



287724



007D73



8B4EA6



B9365E

Sweetspot

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



287724



7C9C7B



777324



3C4F3B



CFCFCF



4F4F4F

Same Dimension

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



287724



1F9C19



247749



353B35



067A00



0CFA00

Inverse Universe

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



732477



95199C



772452



3A353B



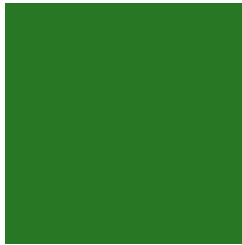
75007A



EE00FA

Previews

White Background



This preview shows how the Hex color 287724 looks on a white background.

Color Contrast Check

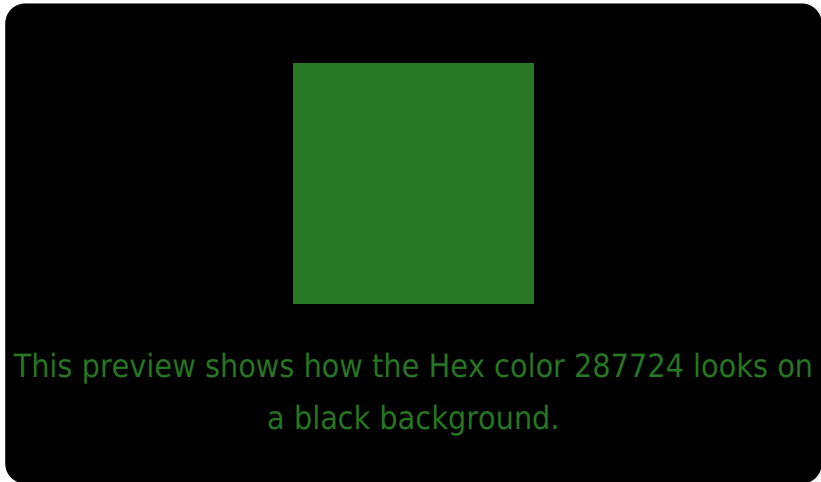
Large Text (above 18pt) WCAG AA ✓ Pass

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

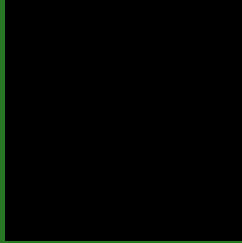
Any Text WCAG AA × Fail

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 287724 Background



This preview shows how black text looks on a background with the Hex color 287724.



This preview shows how white text looks on a background with the Hex color 287724.

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
287724

Protanopia
746720

Deuteranopia
80622B



Tritanopia
3D6F78

Trichromacy



Original Color
287724

Protanomaly
586D21

Deuteranomaly
606A28

Tritanomaly
357259

Monochromacy



Original Color
287724

Achromatopsia
565656

Achromatomaly
456244

CSS Examples

Text

The CSS property to change the color of the text to Hex 287724 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 #287724 looks like.

```
.text, #text, p{  
    color:#287724  
}
```

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 #287724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287724
}
```

Border

The CSS property to change the border of an element to Hex 287724 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
#287724 }
```

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

```
.border{ border-color:#287724 }
```

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

Here you see how a box with a 4 pixel #287724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287724; -webkit-box-shadow:4px 4px  
4px 4px #287724; box-shadow:4px 4px 4px  
4px #287724 }
```

Background

The CSS property to change the background color of an element to Hex 287724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287724 }
```

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

```
.background{ background-color:#287724 }
```

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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