

Converting Colors

Hex(286428)

Have a look what the booklet for
Hex(286428) contains.

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Color

Hex(286428)

Conversions

Conversions Part 1

Format	Color
Hex	286428
RGB	40, 100, 40
RGB Percent	16%, 39%, 16%
CMY	0.8431, 0.6078, 0.8431
CMYK	0.60, 0.00, 0.60, 0.61
HSL	120°, 43%, 27%
HSV	120°, 60%, 39%
XYZ	5.8152, 9.7187, 3.5769
YIQ	75.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

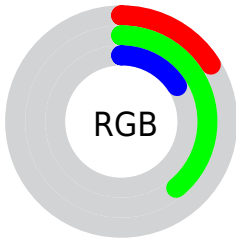
Format	Color
RYB	40, 100, 100
Decimal	2647080
CIELab	37.33, -32.86, 27.90
CIElCh	37, 43.107, 139.669
Yxy	9.7187, 0.3043, 0.5085
Android (android.graphics.Color)	4280837160 (0xFF286428)
YUV	75.2200, -17.3635, -30.8879
Hunter-Lab	31.1748, -21.2590, 15.0196




Details

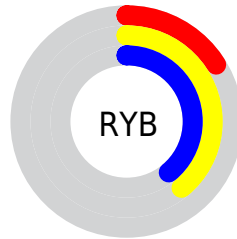
The Hex color **286428** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **642864**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **5C9857**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **1E641E**, and if you desaturate by 10%, it is **326432**.

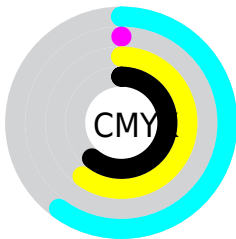
Distribution







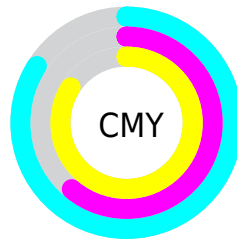
-  Red (16%)
-  Green (39%)
-  Blue (16%)






-  Red (16%)
-  Yellow (39%)
-  Blue (39%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (60%)
-  Black (61%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286428 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 286428 by changing the saturation by 10% instead.

 286428

 286428

FFFFFF

 094C11

 5C9857

 003400

 76B370

 002100

 91CE8A

 000000

 ACEBA4

 C8FFC0

 E5FFDC

 FFFFF9

 286428

 286428

■ 1E641E

■ 326432

■ 146414

■ 3C643C

■ 0A640A

■ 466446

■ 006400

■ 506450

■ 5A645A

■ 646464

■ 6E646E

■ 786478

■ 826482

Harmonies

Analogous

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



545D0D



286428



00684A

Triad

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



286428



005F9C



963843

Complementary

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



286428



642864

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.



903865



286428



41549A

Square

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



286428



00668C



764485



8B4423

Rectangle

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



286428



006862



764485



97364E

Sweetspot

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



286428



6B826B



646428



344234



C2C2C2



424242

Same Dimension

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



286428



248224



286446



2E332E



007300



00F200

Inverse Universe

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



642864



822482



642846



332E33



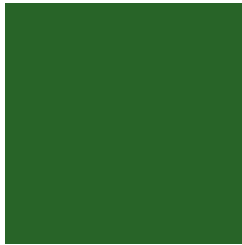
730073



F200F2

Previews

White Background



This preview shows how the Hex color 286428 looks on a white background.

Color Contrast Check

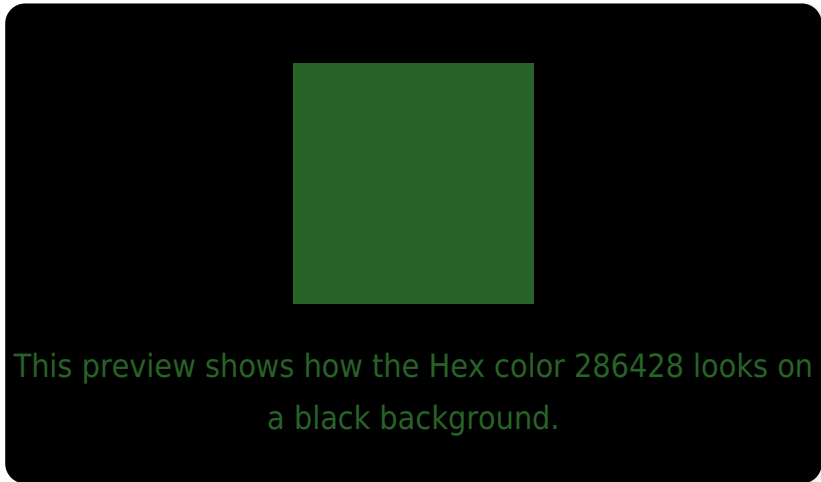
Large Text (above 18pt) WCAG AA ✓ Pass

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

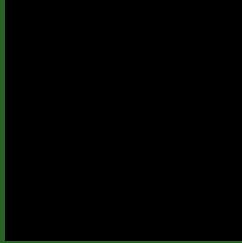
Any Text WCAG AA × Fail

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 286428 Background



This preview shows how black text looks on a background with the Hex color 286428.



This preview shows how white text looks on a background with the Hex color 286428.

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
286428

Protanopia
615824

Deuteranopia
6B532D



Tritanopia
375E65

Trichromacy



Original Color
286428

Protanomaly
4C5C25

Deuteranomaly
53592B

Tritanomaly
32604F

Monochromacy



Original Color
286428

Achromatopsia
4B4B4B

Achromatomaly
3E543E

CSS Examples

Text

The CSS property to change the color of the text to Hex 286428 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 #286428 looks like.

```
.text, #text, p{  
    color:#286428  
}
```

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 #286428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286428
}
```

Border

The CSS property to change the border of an element to Hex 286428 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
#286428 }
```

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

```
.border{ border-color:#286428 }
```

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

Here you see how a box with a 4 pixel #286428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286428; -webkit-box-shadow:4px 4px  
4px 4px #286428; box-shadow:4px 4px 4px  
4px #286428 }
```

Background

The CSS property to change the background color of an element to Hex 286428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286428 }
```

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

```
.background{ background-color:#286428 }
```

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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