

Converting Colors

Hex(286000)

Have a look what the booklet for
Hex(286000) contains.

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Color

Hex(286000)

Conversions

Conversions Part 1

Format	Color
Hex	286000
RGB	40, 96, 0
RGB Percent	16%, 38%, 0%
CMY	0.8431, 0.6235, 1.0000
CMYK	0.58, 0.00, 1.00, 0.62
HSL	95°, 100%, 19%
HSV	95°, 100%, 38%
XYZ	5.0579, 8.8169, 1.4352
YIQ	68.3120, -2.5600, -41.7280

Conversions

Conversions Part 2

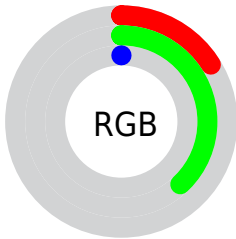
Format	Color
RYB	0, 96, 56
Decimal	2646016
CIELab	35.63, -34.47, 41.77
CIELCh	36, 54.159, 129.531
Yxy	8.8169, 0.3304, 0.5759
Android (android.graphics.Color)	4280836096 (0xFF286000)
YUV	68.3120, -33.6778, -24.8296
Hunter-Lab	29.6932, -21.5574, 17.9194

Details

The Hex color **286000** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **380060**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5D9338**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **286000**, and if you desaturate by 10%, it is **2E600A**.

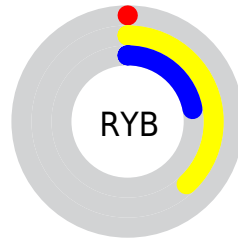
Distribution



Red (16%)

Green (38%)

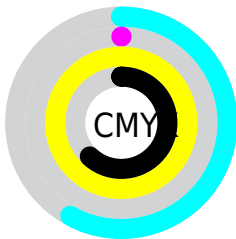
Blue (0%)



Red (0%)

Yellow (38%)

Blue (22%)

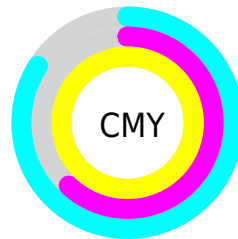


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (84%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286000 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 286000 by changing the saturation by 10% instead.

 286000

 286000

 FFFFF4

 0A4800

 5D9338

 003100

 78AE51

 001C00

 93CA6A

 000000

 AEE684

 CBFF9F

 E7FFBB

 FFFFD7

 286000

 2E600A

 336013

 39601D

 3E6026

 446030

 4A603A

 4F6043

 55604D

 5A6056

Harmonies

Analogous

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



5A5600



286000



006533

Triad

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



286000



0061A5



9F1F48

Complementary

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



286000



380060

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.



912973



286000



0055AA

Square

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



286000



00668A



654197



97311E

Rectangle

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



286000



006652



654197



9D1F56

Sweetspot

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



286000



677D57



603800



324029



BFBFBF



404040

Same Dimension

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



286000



347D00



006008



2E302C



2F7000



64F000

Inverse Universe

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



380060



49007D



600058



2E2C30



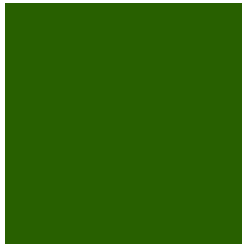
410070



8C00F0

Previews

White Background



This preview shows how the Hex color 286000 looks on a white background.

Color Contrast Check

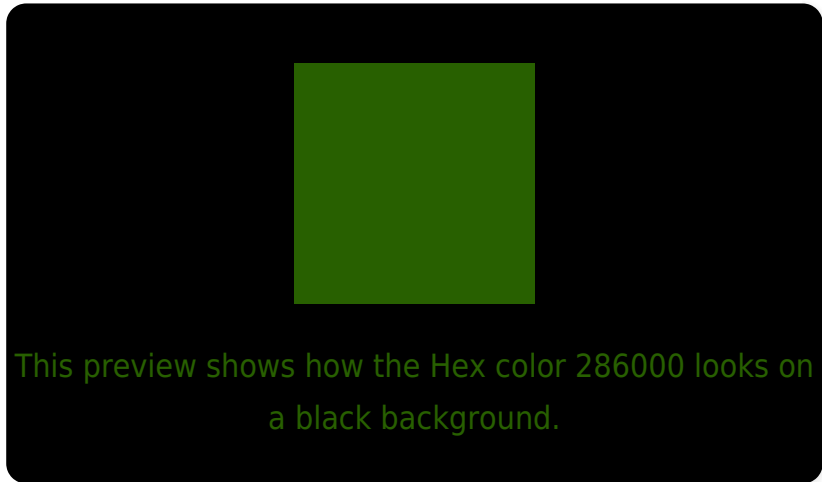
Large Text (above 18pt) WCAG AA ✓ Pass

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

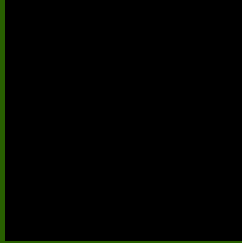
Any Text WCAG AA × Fail

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 286000 Background



This preview shows how black text looks on a background with the Hex color 286000.



This preview shows how white text looks on a background with the Hex color 286000.

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
286000

Protanopia
5E5400

Deuteranopia
694F14



Tritanopia
375960

Trichromacy



Original Color
286000

Protanomaly
4A5800

Deuteranomaly
51550D

Tritanomaly
325C3D

Monochromacy



Original Color
286000

Achromatopsia
444444

Achromatomaly
3A4E2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 286000 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 #286000 looks like.

```
.text, #text, p{  
    color:#286000  
}
```

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 #286000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286000
}
```

Border

The CSS property to change the border of an element to Hex 286000 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
#286000 }
```

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

```
.border{ border-color:#286000 }
```

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

Here you see how a box with a 4 pixel #286000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286000; -webkit-box-shadow:4px 4px  
4px 4px #286000; box-shadow:4px 4px 4px  
4px #286000 }
```

Background

The CSS property to change the background color of an element to Hex 286000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286000 }
```

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

```
.background{ background-color:#286000 }
```

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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