

Converting Colors

Hex(286024)

Have a look what the booklet for
Hex(286024) contains.

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Color

Hex(286024)

Conversions

Conversions Part 1

Format	Color
Hex	286024
RGB	40, 96, 36
RGB Percent	16%, 38%, 14%
CMY	0.8431, 0.6235, 0.8588
CMYK	0.58, 0.00, 0.63, 0.62
HSL	116°, 45%, 26%
HSV	116°, 62%, 38%
XYZ	5.3764, 8.9442, 3.1121
YIQ	72.4160, -14.1160, -30.5320

Conversions

Conversions Part 2

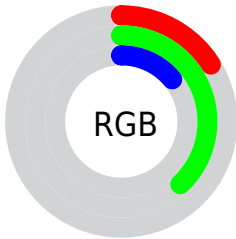
Format	Color
R_{YB}	36, 96, 92
Decimal	2646052
CIE _{Lab}	35.88, -31.67, 28.29
CIE _{LCh}	36, 42.469, 138.225
Yxy	8.9442, 0.3084, 0.5131
Android (android.graphics.Color)	4280836132 (0xFF286024)
YUV	72.4160, -17.9531, -28.4288
Hunter-Lab	29.9069, -20.2481, 14.7651

Details

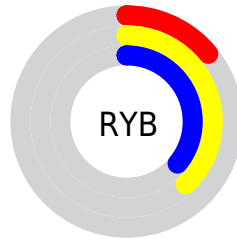
The Hex color **286024** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C2460**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5B9353**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **1F601A**, and if you desaturate by 10%, it is **31602E**.

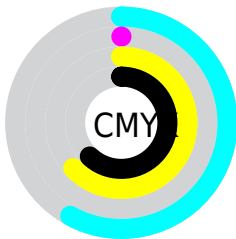
Distribution



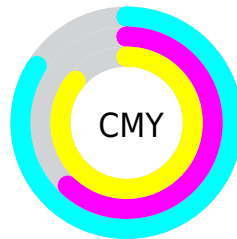
- Red (16%)
- Green (38%)
- Blue (14%)



- Red (14%)
- Yellow (38%)
- Blue (36%)



- Cyan (58%)
- Magenta (0%)
- Yellow (63%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286024 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 286024 by changing the saturation by 10% instead.

 286024

 286024

FFFFFF

 0A480D

 5B9353

 003100

 75AE6C

 001D00

 90CA85

 000000

 ABE6A0

 C7FFBB

 E4FFD7

 FFFFF4

 286024

 286024

■ 1F601A

■ 31602E

■ 166011

■ 3A6037

■ 0D6007

■ 436041

■ 066000

■ 4C604A

■ 556054

■ 5E605E

■ 676067

■ 706071

■ 79607A

Harmonies

Analogous

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



525909



286024



006445

Triad

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



286024



005C97



923441

Complementary

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



286024



5C2460

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.



8B3563



286024



3A5195

Square

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



286024



006287



704282



874022

Rectangle

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



286024



00645D



704282



91334C

Sweetspot

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



286024



677D65



605C24



324031



BFBFBF



404040

Same Dimension

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



286024



257D1F



24603E



2C302C



077000



10F000

Inverse Universe

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



5C2460



771F7D



602446



302C30



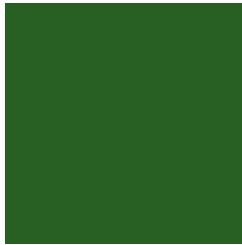
690070



E000F0

Previews

White Background



This preview shows how the Hex color 286024 looks on a white background.

Color Contrast Check

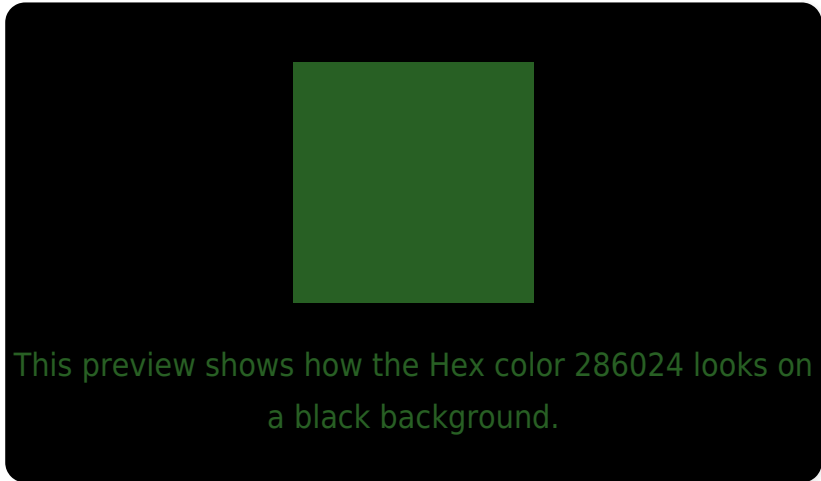
Large Text (above 18pt) WCAG AA ✓ Pass

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

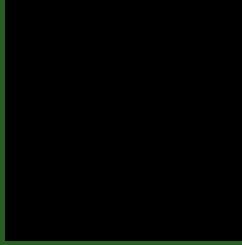
Any Text WCAG AA × Fail

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 286024 Background



This preview shows how black text looks on a background with the Hex color 286024.



This preview shows how white text looks on a background with the Hex color 286024.

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
286024

Protanopia
5E5421

Deuteranopia
685029



Tritanopia
365A61

Trichromacy



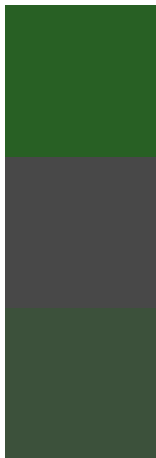
Original Color
286024

Protanomaly
4A5822

Deuteranomaly
515627

Tritanomaly
315C4B

Monochromacy



Original Color
286024

Achromatopsia
484848

Achromatomaly
3C513B

CSS Examples

Text

The CSS property to change the color of the text to Hex 286024 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 #286024 looks like.

```
.text, #text, p{  
    color:#286024  
}
```

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 #286024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286024
}
```

Border

The CSS property to change the border of an element to Hex 286024 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
#286024 }
```

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

```
.border{ border-color:#286024 }
```

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

Here you see how a box with a 4 pixel #286024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286024; -webkit-box-shadow:4px 4px  
4px 4px #286024; box-shadow:4px 4px 4px  
4px #286024 }
```

Background

The CSS property to change the background color of an element to Hex 286024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286024 }
```

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

```
.background{ background-color:#286024 }
```

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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