

Converting Colors

Hex(326130)

Have a look what the booklet for
Hex(326130) contains.

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Color

Hex(326130)

Conversions

Conversions Part 1

Format	Color
Hex	326130
RGB	50, 97, 48
RGB Percent	20%, 38%, 19%
CMY	0.8039, 0.6196, 0.8118
CMYK	0.48, 0.00, 0.51, 0.62
HSL	118°, 34%, 28%
HSV	118°, 51%, 38%
XYZ	6.1236, 9.4409, 4.2958
YIQ	77.3610, -12.2830, -25.2030

Conversions

Conversions Part 2

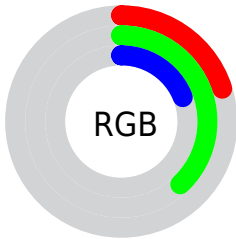
Format	Color
RYB	48, 97, 95
Decimal	3301680
CIELab	36.82, -27.23, 22.98
CIElCh	37, 35.630, 139.833
Yxy	9.4409, 0.3083, 0.4754
Android (android.graphics.Color)	4281491760 (0xFF326130)
YUV	77.3610, -14.4750, -23.9956
Hunter-Lab	30.7260, -18.1962, 13.2188

Details

The Hex color **326130** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F3061**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **64945F**, and **003202** is the 20% darker color. If you saturate the color by 10%, you get **296126**, and if you desaturate by 10%, it is **3B613A**.

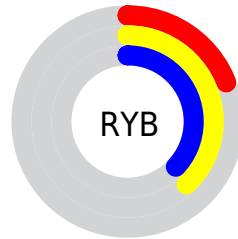
Distribution



Red (20%)

Green (38%)

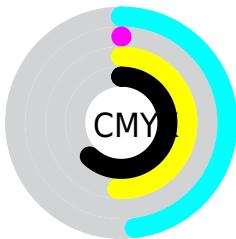
Blue (19%)



Red (19%)

Yellow (38%)

Blue (37%)

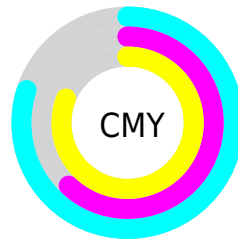


Cyan (48%)

Magenta (0%)

Yellow (51%)

Black (62%)



Cyan (80%)

Magenta (62%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 326130 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 326130 by changing the saturation by 10% instead.

 326130

 326130

FFFFFF

 19491A

 64945F

 003202

 7EAF78

 001F00

 98CA92

 000000

 B4E7AD

 CFFFC8

 ECFFE4

 326130

 326130

 296126

 3B613A

■ 1F611D

■ 456143

■ 166113

■ 4E614D

■ 0D6109

■ 576157

■ 046100

■ 616161

■ 6A616A

■ 736174

■ 7C617E

■ 866187

Harmonies

Analogous

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



545B1D



326130



00644C

Triad

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



326130



005D8F



8C3E45

Complementary

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



326130



5F3061

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.



863E62



326130



47538D

Square

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



326130



006282



70477C



83472C

Rectangle

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



326130



00655F



70477C



8C3D4E

Sweetspot

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



326130



6B7D6A



615F30



354034



BFBFBF



404040

Same Dimension

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



326130



347D31



306146



2C302C



057000



0AF000

Inverse Universe

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



5F3061



7A317D



61304B



302C30



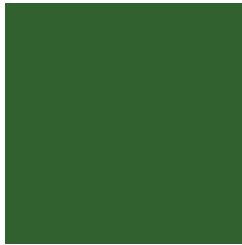
6C0070



E600F0

Previews

White Background



This preview shows how the Hex color 326130 looks on a white background.

Color Contrast Check

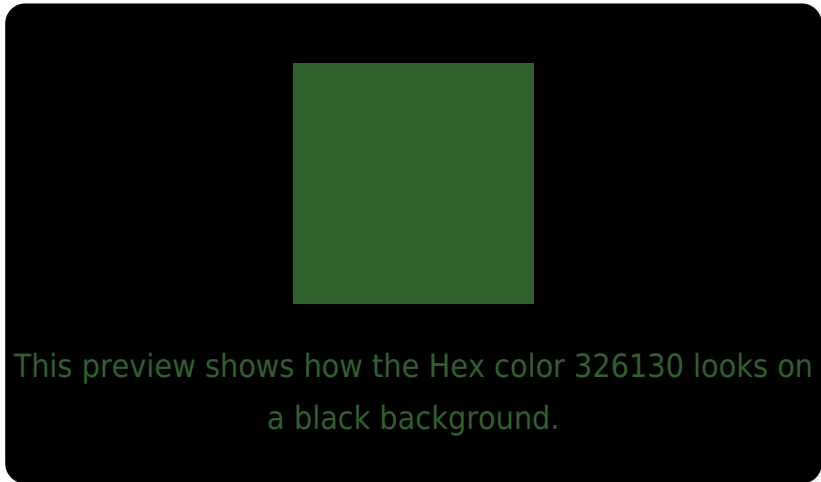
Large Text (above 18pt) WCAG AA ✓ Pass

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

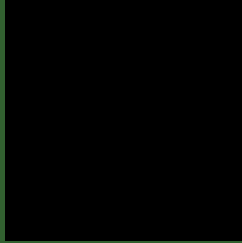
Any Text WCAG AA × Fail

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 326130 Background



This preview shows how black text looks on a background with the Hex color 326130.



This preview shows how white text looks on a background with the Hex color 326130.

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
326130

Protanopia
5F562C

Deuteranopia
695234



Tritanopia
3D5B63

Trichromacy



Original Color
326130

Protanomaly
4F5A2D

Deuteranomaly
555733

Tritanomaly
395D50

Monochromacy



Original Color
326130

Achromatopsia
4D4D4D

Achromatomaly
435442

CSS Examples

Text

The CSS property to change the color of the text to Hex 326130 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 #326130 looks like.

```
.text, #text, p{  
    color:#326130  
}
```

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 #326130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326130
}
```

Border

The CSS property to change the border of an element to Hex 326130 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".

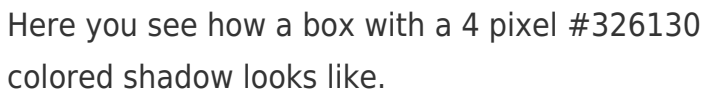
```
.border, #border, table{ border:4px solid
#326130 }
```

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

```
.border{ border-color:#326130 }
```

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

Here you see how a box with a 4 pixel #326130 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326130; -webkit-box-shadow:4px 4px  
4px 4px #326130; box-shadow:4px 4px 4px  
4px #326130 }
```

Background

The CSS property to change the background color of an element to Hex 326130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326130 }
```

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

```
.background{ background-color:#326130 }
```

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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