

Converting Colors

Hex(316124)

Have a look what the booklet for
Hex(316124) contains.

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Color

Hex(316124)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 316124 |
| RGB | 49, 97, 36 |
| RGB Percent | 19%, 38%, 14% |
| CMY | 0.8078, 0.6196, 0.8588 |
| CMYK | 0.49, 0.00, 0.63, 0.62 |
| HSL | 107°, 46%, 26% |
| HSV | 107°, 63%, 38% |
| XYZ | 5.8598, 9.3297, 3.1610 |
| YIQ | 75.6940, -9.0270, -29.1470 |

Conversions

Conversions Part 2

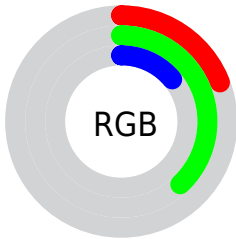
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 36, 97, 84 |
| Decimal | 3236132 |
| CIE _{Lab} | 36.61, -29.25, 29.24 |
| CIE _{LCh} | 37, 41.360, 135.010 |
| Yxy | 9.3297, 0.3193, 0.5084 |
| Android (android.graphics.Color) | 4281426212 (0xFF316124) |
| YUV | 75.6940, -19.5691, -23.4106 |
| Hunter-Lab | 30.5446, -19.2092, 15.2453 |

Details

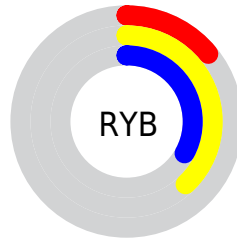
The Hex color **316124** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542461**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **639453**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **29611A**, and if you desaturate by 10%, it is **39612E**.

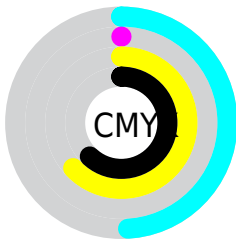
Distribution



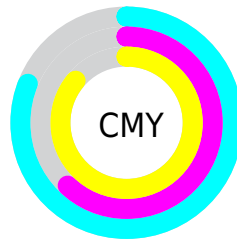
- Red (19%)
- Green (38%)
- Blue (14%)



- Red (14%)
- Yellow (38%)
- Blue (33%)



- Cyan (49%)
- Magenta (0%)
- Yellow (63%)
- Black (62%)





- Cyan (81%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316124 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 316124 by changing the saturation by 10% instead.

 316124

 316124

FFFFFF

 17490D

 639453

 003200

 7DAF6C

 001F00

 98CB86


 000000

 B4E7A0

 D0FFBB

 ECFFD7

 FFFFF4

 316124

 316124

■ 29611A

■ 39612E

■ 226111

■ 406137

■ 1A6107

■ 486141

■ 156100

■ 50614B

■ 576155

■ 5F615E

■ 666168

■ 6E6172

■ 76617B

Harmonies

Analogous

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



575A0D



316124



006544

Triad

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



316124



005F96



923747

Complementary

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



316124



542461

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.



8A3968



316124



355497

Square

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



316124



006484



6D4685



8A4128

Rectangle

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



316124



00665B



6D4685



923652

Sweetspot

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



316124



6A7D65



615424



344031



BFBFBF



404040

Same Dimension

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



316124



337D1F



246135



2D302C



187000



33F000

Inverse Universe

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



542461



691F7D



612450



2F2C30



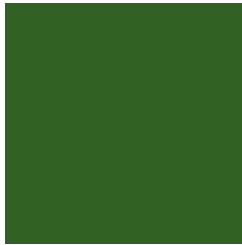
580070



BD00F0

Previews

White Background



This preview shows how the Hex color 316124 looks on a white background.

Color Contrast Check

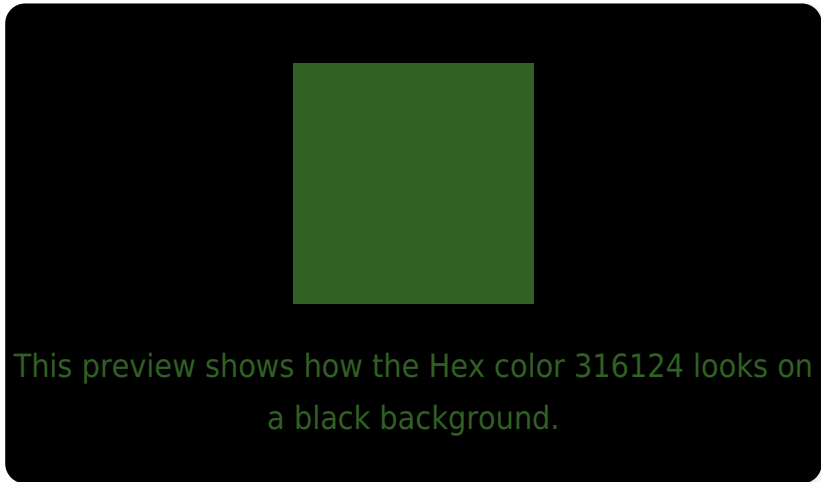
Large Text (above 18pt) WCAG AA ✓ Pass

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

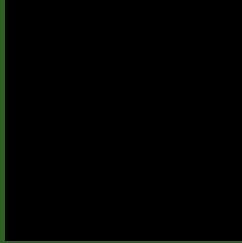
Any Text WCAG AA × Fail

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 316124 Background



This preview shows how black text looks on a background with the Hex color 316124.



This preview shows how white text looks on a background with the Hex color 316124.

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
316124

Protanopia
605621

Deuteranopia
6A5229



Tritanopia
3D5B62

Trichromacy



Original Color
316124

Protanomaly
4F5A22

Deuteranomaly
555727

Tritanomaly
395D4B

Monochromacy



Original Color
316124

Achromatopsia
4C4C4C

Achromatomaly
42543D

CSS Examples

Text

The CSS property to change the color of the text to Hex 316124 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 #316124 looks like.

```
.text, #text, p{  
    color:#316124  
}
```

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 #316124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316124
}
```

Border

The CSS property to change the border of an element to Hex 316124 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".

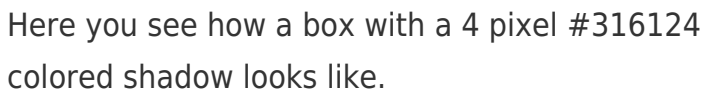
```
.border, #border, table{ border:4px solid
#316124 }
```

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

```
.border{ border-color:#316124 }
```

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

Here you see how a box with a 4 pixel #316124 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316124; -webkit-box-shadow:4px 4px  
4px 4px #316124; box-shadow:4px 4px 4px  
4px #316124 }
```

Background

The CSS property to change the background color of an element to Hex 316124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316124 }
```

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

```
.background{ background-color:#316124 }
```

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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