

Converting Colors

Hex(616D25)

Have a look what the booklet for
Hex(616D25) contains.

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Color

Hex(616D25)

Conversions

Conversions Part 1

Format	Color
Hex	616D25
RGB	97, 109, 37
RGB Percent	38%, 43%, 15%
CMY	0.6196, 0.5725, 0.8549
CMYK	0.11, 0.00, 0.66, 0.57
HSL	70°, 49%, 29%
HSV	70°, 66%, 43%
XYZ	10.7323, 13.6122, 3.8120
YIQ	97.2040, 15.9600, -24.9360

Conversions

Conversions Part 2

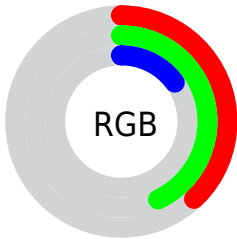
Format	Color
RYB	37, 109, 49
Decimal	6384933
CIELab	43.67, -15.54, 37.45
CIELCh	44, 40.549, 112.528
Yxy	13.6122, 0.3812, 0.4834
Android (android.graphics.Color)	4284575013 (0xFF616D25)
YUV	97.2040, -29.6806, -0.1789
Hunter-Lab	36.8948, -12.6419, 19.7004

Details

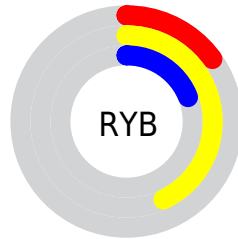
The Hex color **616D25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **31256D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **96A056**, and **303E00** is the 20% darker color. If you saturate the color by 10%, you get **5F6D1A**, and if you desaturate by 10%, it is **636D30**.

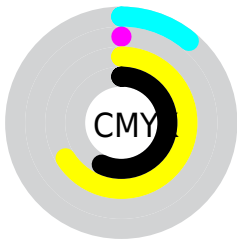
Distribution



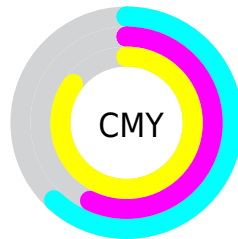
- Red (38%)
- Green (43%)
- Blue (15%)



- Red (15%)
- Yellow (43%)
- Blue (19%)



- Cyan (11%)
- Magenta (0%)
- Yellow (66%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616D25 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 616D25 by changing the saturation by 10% instead.



616D25



616D25

FFFFFF



48550B



96A056



303E00



B1BB6F



182800



CDD789



001500



EAF4A4



000000



FFFFBF



FFFDB



FFFFF8



616D25



616D25

■ 5F6D1A

■ 636D30

■ 5D6D0F

■ 656D3B

■ 5C6D04

■ 666D46

■ 5B6D00

■ 686D51

■ 6A6D5B

■ 6C6D66

■ 6E6D71

■ 706D7C

■ 716D87

Harmonies

Analogous

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



816321



616D25



38743C

Triad

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



616D25



00759C



A04A71

Complementary

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



616D25



31256D

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.



885491



616D25



006DAA

Square

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



616D25



007880



5A62A5



A54B4F

Rectangle

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



616D25



007652



5A62A5



9B4C7C

Sweetspot

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



616D25



8A8F72



6D3125



454736



C7C7C7



474747

Same Dimension

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



616D25



7C8F1E



3D6D25



353630



627500



CCF500

Inverse Universe

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



31256D



311E8F



55256D



313036



140075



2900F5

Previews

White Background



This preview shows how the Hex color 616D25 looks on a white background.

Color Contrast Check

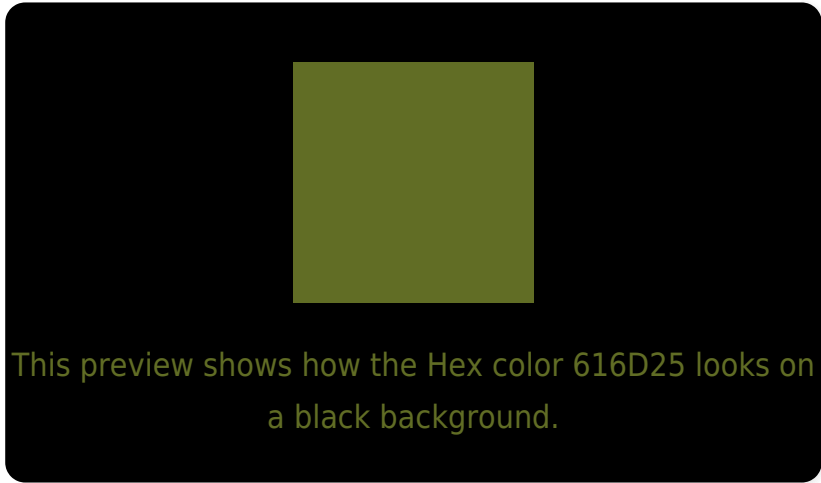
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

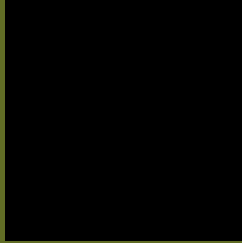
Any Text WCAG AA × Fail

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 616D25 Background



This preview shows how black text looks on a background with the Hex color 616D25.



This preview shows how white text looks on a background with the Hex color 616D25.

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
616D25

Protanopia
736723

Deuteranopia
806229



Tritanopia
69666E

Trichromacy



Original Color
616D25

Protanomaly
6C6924

Deuteranomaly
756628

Tritanomaly
666953

Monochromacy



Original Color
616D25

Achromatopsia
616161

Achromatomaly
61654B

CSS Examples

Text

The CSS property to change the color of the text to Hex 616D25 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 #616D25 looks like.

```
.text, #text, p{  
    color:#616D25  
}
```

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 #616D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616D25
}
```

Border

The CSS property to change the border of an element to Hex 616D25 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
#616D25 }
```

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

```
.border{ border-color:#616D25 }
```

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

Here you see how a box with a 4 pixel #616D25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616D25; -webkit-box-shadow:4px 4px  
4px 4px #616D25; box-shadow:4px 4px 4px  
4px #616D25 }
```

Background

The CSS property to change the background color of an element to Hex 616D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616D25 }
```

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

```
.background{ background-color:#616D25 }
```

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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