

Converting Colors

Hex(616F21)

Have a look what the booklet for
Hex(616F21) contains.

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Color

Hex(616F21)

Conversions

Conversions Part 1

Format	Color
Hex	616F21
RGB	97, 111, 33
RGB Percent	38%, 44%, 13%
CMY	0.6196, 0.5647, 0.8706
CMYK	0.13, 0.00, 0.70, 0.56
HSL	71°, 54%, 28%
HSV	71°, 70%, 44%
XYZ	10.8887, 14.0201, 3.5711
YIQ	97.9220, 16.6940, -27.2260

Conversions

Conversions Part 2

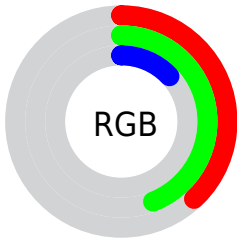
Format	Color
R_{YB}	33, 111, 47
Decimal	6385441
CIE _{Lab}	44.26, -16.91, 39.88
CIE _{LCh}	44, 43.318, 112.979
Yxy	14.0201, 0.3823, 0.4923
Android (android.graphics.Color)	4284575521 (0xFF616F21)
YUV	97.9220, -32.0065, -0.8086
Hunter-Lab	37.4434, -13.6173, 20.5557

Details

The Hex color **616F21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2F216F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **96A352**, and **303F00** is the 20% darker color. If you saturate the color by 10%, you get **5F6F16**, and if you desaturate by 10%, it is **636F2C**.

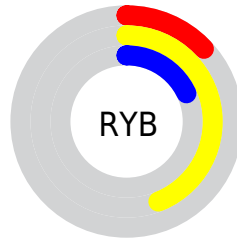
Distribution



Red (38%)

Green (44%)

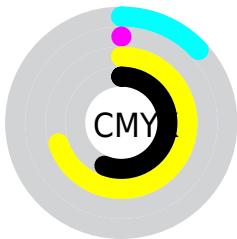
Blue (13%)



Red (13%)

Yellow (44%)

Blue (18%)

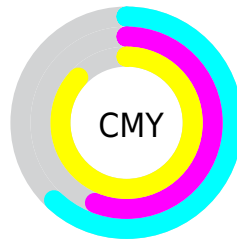


Cyan (13%)

Magenta (0%)

Yellow (70%)

Black (56%)



Cyan (62%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616F21 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 616F21 by changing the saturation by 10% instead.



616F21



616F21

FFFFFF



485705



96A352



303F00



B1BE6C



172900



CDD986



001700



EAF6A0



000000



FFFFBC



FFFFD8



FFFFF5



616F21



616F21

■ 5F6F16

■ 636F2C

■ 5D6F0B

■ 656F37

■ 5B6F00

■ 676F42

■ 696F4D

■ 6B6F59

■ 6D6F64

■ 6F6F6F

■ 716F7A

■ 736F85

Harmonies

Analogous

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



83641C



616F21



34763B

Triad

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



616F21



0077A2



A64973

Complementary

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



616F21



2F216F

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.



8C5394



616F21



006FB0

Square

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



616F21



007A84



5B63AB



AA4A4F

Rectangle

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



616F21



007952



5B63AB



A04B7F

Sweetspot

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



616F21



8C9173



6F2E21



474A37



C9C9C9



4A4A4A

Same Dimension

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



616F21



7B9117



3B6F21



373832



627800



CBF700

Inverse Universe

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



2F216F



2D1791



55216F



333238



160078



2C00F7

Previews

White Background



This preview shows how the Hex color 616F21 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

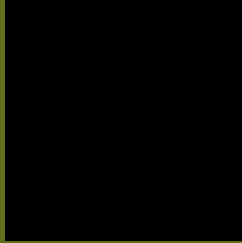
Any Text WCAG AA × Fail

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 616F21 Background



This preview shows how black text looks on a background with the Hex color 616F21.



This preview shows how white text looks on a background with the Hex color 616F21.

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
616F21

Protanopia
75691F

Deuteranopia
836325



Tritanopia
696870

Trichromacy



Original Color
616F21

Protanomaly
6E6B20

Deuteranomaly
776724

Tritanomaly
666B53

Monochromacy



Original Color
616F21

Achromatopsia
626262

Achromatomaly
62674A

CSS Examples

Text

The CSS property to change the color of the text to Hex 616F21 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 #616F21 looks like.

```
.text, #text, p{  
    color:#616F21  
}
```

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 #616F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616F21
}
```

Border

The CSS property to change the border of an element to Hex 616F21 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
#616F21 }
```

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

```
.border{ border-color:#616F21 }
```

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

Here you see how a box with a 4 pixel #616F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616F21; -webkit-box-shadow:4px 4px  
4px 4px #616F21; box-shadow:4px 4px 4px  
4px #616F21 }
```

Background

The CSS property to change the background color of an element to Hex 616F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616F21 }
```

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

```
.background{ background-color:#616F21 }
```

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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