

Converting Colors

Hex(644B1F)

Have a look what the booklet for
Hex(644B1F) contains.

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Color

Hex(644B1F)

Conversions

Conversions Part 1

Format	Color
Hex	644B1F
RGB	100, 75, 31
RGB Percent	39%, 29%, 12%
CMY	0.6078, 0.7059, 0.8784
CMYK	0.00, 0.25, 0.69, 0.61
HSL	38°, 53%, 26%
HSV	38°, 69%, 39%
XYZ	8.0189, 7.8404, 2.3870
YIQ	77.4590, 29.0240, -8.3840

Conversions

Conversions Part 2

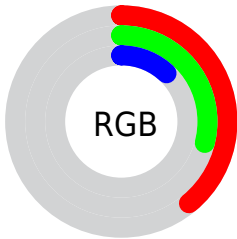
Format	Color
R_{YB}	70, 100, 31
Decimal	6572831
CIE Lab	33.65, 5.29, 29.63
CIE LCh	34, 30.095, 79.868
Yxy	7.8404, 0.4395, 0.4297
Android (android.graphics.Color)	4284762911 (0xFF644B1F)
YUV	77.4590, -22.9043, 19.7685
Hunter-Lab	28.0007, 2.1181, 14.5461

Details

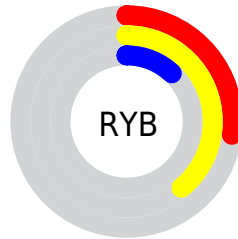
The Hex color **644B1F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1F3864**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **997C4D**, and **321F00** is the 20% darker color. If you saturate the color by 10%, you get **644715**, and if you desaturate by 10%, it is **644F29**.

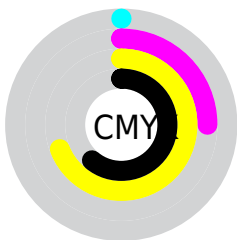
Distribution



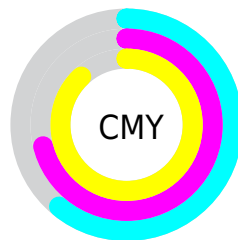
- Red (39%)
- Green (29%)
- Blue (12%)



- Red (27%)
- Yellow (39%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (69%)
- Black (61%)



- Cyan (61%)
- Magenta (71%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644B1F 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 644B1F by changing the saturation by 10% instead.



644B1F



644B1F

FFFFFF



4B3408



997C4D



321F00



B59566



1A0900



D1B07F



000000



EECB99



FFE7B4



FFFFD0



FFF FEC



644B1F



644B1F

■ 644715

■ 644F29

■ 64440B

■ 645233

■ 644001

■ 64563D

■ 644000

■ 645947

■ 645D51

■ 64615B

■ 646465

■ 64686F

■ 646C79

Harmonies

Analogous

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



74422B



644B1F



4E5320

Triad

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



644B1F



005B5F



65436E

Complementary

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



644B1F



1F3864

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.



444C7C



644B1F



005973

Square

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



644B1F



005B46



00547E



773C58

Rectangle

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



644B1F



3C5629



00547E



5B4674

Sweetspot

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



644B1F



827867



641F38



423C32



C2C2C2



424242

Same Dimension

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



644B1F



825B16



5B641F



33312E



734900



F29A00

Inverse Universe

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



1F3864



163D82



281F64



2E3033



002A73



0058F2

Previews

White Background



This preview shows how the Hex color 644B1F looks on a white background.

Color Contrast Check

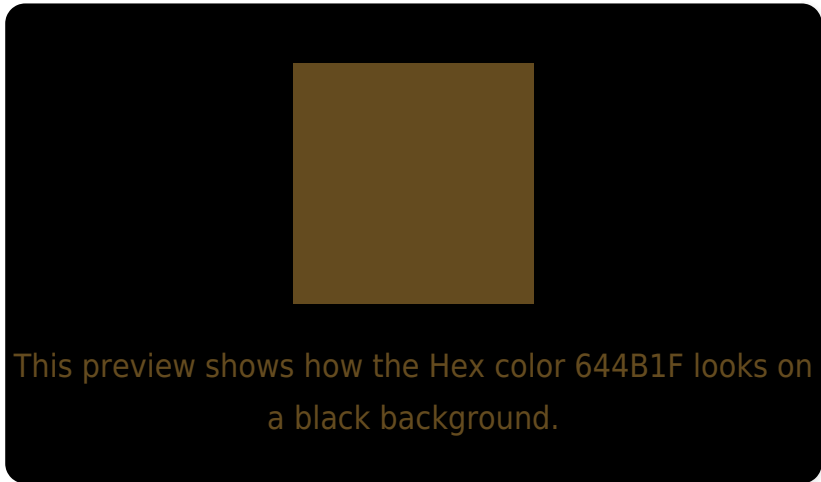
Large Text (above 18pt) WCAG AA ✓ Pass

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

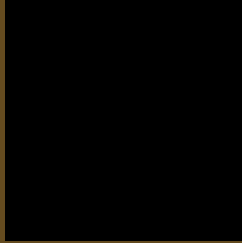
Any Text WCAG AA × Fail

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 644B1F Background



This preview shows how black text looks on a background with the Hex color 644B1F.



This preview shows how white text looks on a background with the Hex color 644B1F.

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
644B1F

Protanopia
585020

Deuteranopia
634B1F



Tritanopia
67464C

Trichromacy



Original Color
644B1F

Protanomaly
5C4E20

Deuteranomaly
634B1F

Tritanomaly
66483C

Monochromacy



Original Color
644B1F

Achromatopsia
4D4D4D

Achromatomaly
554C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 644B1F 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 #644B1F looks like.

```
.text, #text, p{  
    color:#644B1F  
}
```

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 #644B1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644B1F
}
```

Border

The CSS property to change the border of an element to Hex 644B1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

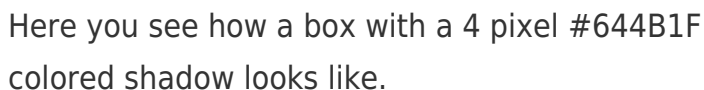
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644B1F }
```

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

```
.border{ border-color:#644B1F }
```

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



Here you see how a box with a 4 pixel #644B1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644B1F; -webkit-box-shadow:4px 4px  
4px 4px #644B1F; box-shadow:4px 4px 4px  
4px #644B1F }
```

Background

The CSS property to change the background color of an element to Hex 644B1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644B1F }
```

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

```
.background{ background-color:#644B1F }
```

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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