

Converting Colors

Hex(644140)

Have a look what the booklet for
Hex(644140) contains.

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Color

Hex(644140)

Conversions

Conversions Part 1

Format	Color
Hex	644140
RGB	100, 65, 64
RGB Percent	39%, 25%, 25%
CMY	0.6078, 0.7451, 0.7490
CMYK	0.00, 0.35, 0.36, 0.61
HSL	2°, 22%, 32%
HSV	2°, 36%, 39%
XYZ	8.0712, 6.8601, 5.7492
YIQ	75.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

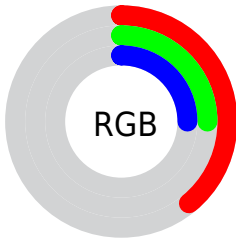
Format	Color
R_YB	100, 65, 64
Decimal	6570304
CIE Lab	31.49, 15.09, 6.84
CIE LCh	31, 16.567, 24.388
Yxy	6.8601, 0.3903, 0.3317
Android (android.graphics.Color)	4284760384 (0xFF644140)
YUV	75.3510, -5.5960, 21.6172
Hunter-Lab	26.1918, 9.1709, 5.3198

Details

The Hex color **644140** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **406364**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **987170**, and **341616** is the 20% darker color. If you saturate the color by 10%, you get **643736**, and if you desaturate by 10%, it is **644B4A**.

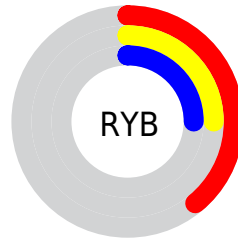
Distribution



Red (39%)

Green (25%)

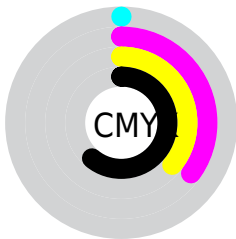
Blue (25%)



Red (39%)

Yellow (25%)

Blue (25%)

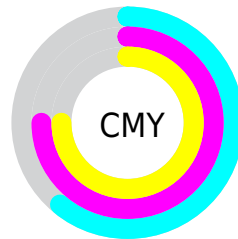


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (61%)



Cyan (61%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644140 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 644140 by changing the saturation by 10% instead.

 644140

 644140

FFFFFF

 4B2B2A

 987170

 341616

 B38B89

 200000

 CFA5A3

 000000

 ECC0BE

 FFDCDA

 FFF9F7

 644140

 644140

 643736

 644B4A

■ 642E2C

■ 645454

■ 642422

■ 645E5E

■ 641A18

■ 646868

■ 64100E

■ 647272

■ 640704

■ 647B7C

■ 640300

■ 648586

■ 648F90

■ 64999A

Harmonies

Analogous

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



62414D



644140



5F4435

Triad

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



644140



39503B



364C64

Complementary

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



644140



406364

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.



254F5F



644140



2B5147

Square

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



644140



484D32



215154



494862

Rectangle

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



644140



594731



215154



2F4D63

Sweetspot

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



644140



827474



644063



423A3A



C2C2C2



424242

Same Dimension

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



644140



824C4A



645340



332E2E



730300



F20700

Inverse Universe

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



406364



4A8082



405164



2E3333



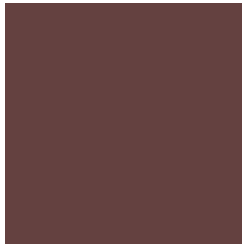
007073



00ECF2

Previews

White Background



This preview shows how the Hex color 644140 looks on a white background.

Color Contrast Check

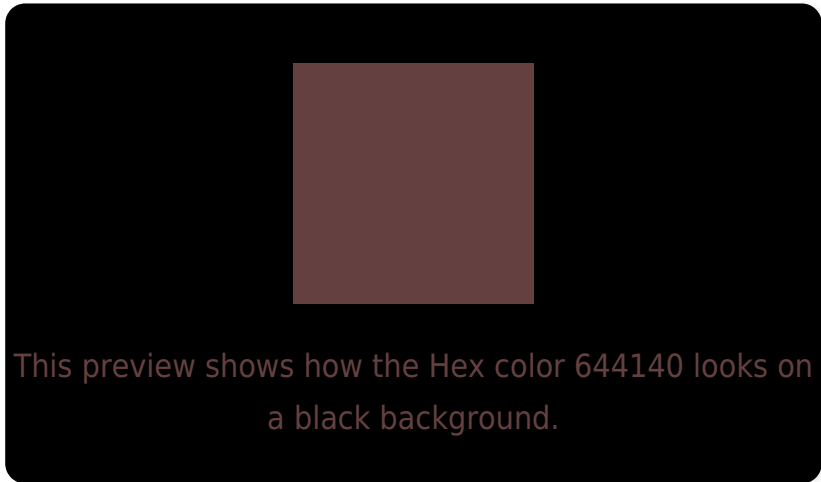
Large Text (above 18pt) WCAG AA ✓ Pass

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

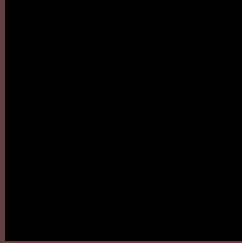
Any Text WCAG AA × Fail

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 644140 Background



This preview shows how black text looks on a background with the Hex color 644140.

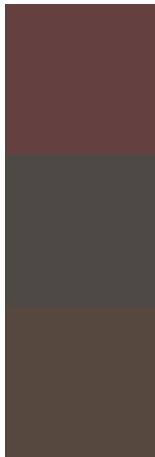


This preview shows how white text looks on a background with the Hex color 644140.

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
644140

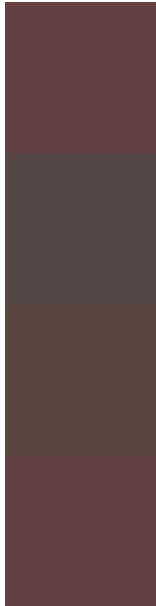
Protanopia
4D4A45

Deuteranopia
56483F



Tritanopia
644045

Trichromacy



Original Color
644140

Protanomaly
554743

Deuteranomaly
5B453F

Tritanomaly
644043

Monochromacy



Original Color
644140

Achromatopsia
4B4B4B

Achromatomaly
544747

CSS Examples

Text

The CSS property to change the color of the text to Hex 644140 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 #644140 looks like.

```
.text, #text, p{  
    color:#644140  
}
```

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 #644140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644140
}
```

Border

The CSS property to change the border of an element to Hex 644140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

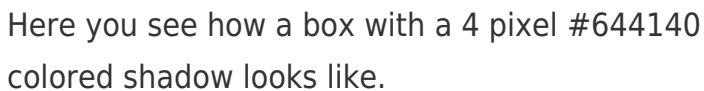
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644140 }
```

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

```
.border{ border-color:#644140 }
```

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



Here you see how a box with a 4 pixel #644140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644140; -webkit-box-shadow:4px 4px  
4px 4px #644140; box-shadow:4px 4px 4px  
4px #644140 }
```

Background

The CSS property to change the background color of an element to Hex 644140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644140 }
```

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

```
.background{ background-color:#644140 }
```

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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