

Converting Colors

Hex(642529)

Have a look what the booklet for
Hex(642529) contains.

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Color

Hex(642529)

Conversions

Conversions Part 1

Format	Color
Hex	642529
RGB	100, 37, 41
RGB Percent	39%, 15%, 16%
CMY	0.6078, 0.8549, 0.8392
CMYK	0.00, 0.63, 0.59, 0.61
HSL	356°, 46%, 27%
HSV	356°, 63%, 39%
XYZ	6.3173, 4.1926, 2.5741
YIQ	56.2930, 36.2640, 14.6000

Conversions

Conversions Part 2

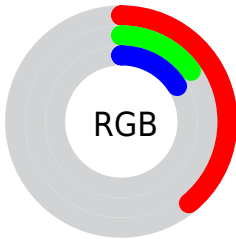
Format	Color
R_{YB}	100, 37, 41
Decimal	6563113
CIE Lab	24.30, 28.84, 12.08
CIE LCh	24, 31.265, 22.726
Yxy	4.1926, 0.4828, 0.3204
Android (android.graphics.Color)	4284753193 (0xFF642529)
YUV	56.2930, -7.5394, 38.3310
Hunter-Lab	20.4757, 19.2397, 6.8794

Details

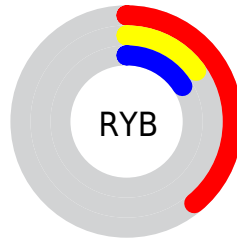
The Hex color **642529** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **256460**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **9A5556**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **641B20**, and if you desaturate by 10%, it is **642F32**.

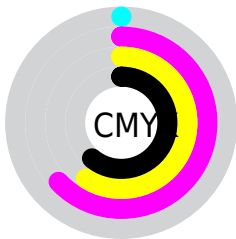
Distribution



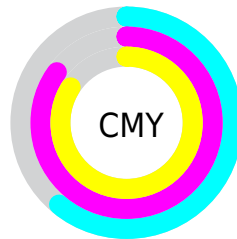
- Red (39%)
- Green (15%)
- Blue (16%)



- Red (39%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (63%)
- Yellow (59%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642529 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 642529 by changing the saturation by 10% instead.

642529

642529

FFFFFF

4A0D15

9A5556

320000

B66E6E

0B0000

D38888

000000

F0A2A2

FFBEBD

FFDAD9

FFF7F5

642529

642529

■ 641B20

■ 642F32

■ 641116

■ 64393C

■ 64070D

■ 644345

■ 640006

■ 644D4E

■ 645758

■ 646161

■ 646B6B

■ 647574

■ 647F7D

Harmonies

Analogous

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



612440



642529



5B2D14

Triad

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



642529



16421C



003E68

Complementary

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



642529



256460

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.



00435F



642529



004533

Square

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



642529



353E09



00454B



303665

Rectangle

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



642529



51340A



00454B



004067

Sweetspot

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



642529



82696B



602564



423334



C2C2C2



424242

Same Dimension

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



642529



821F25



644025



332E2E



730007



F2000F

Inverse Universe

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



642529



821F25



254964



332E2E



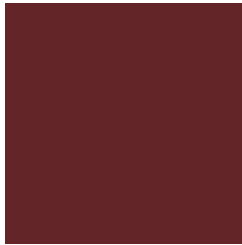
730007



F2000F

Previews

White Background



This preview shows how the Hex color 642529 looks on a white background.

Color Contrast Check

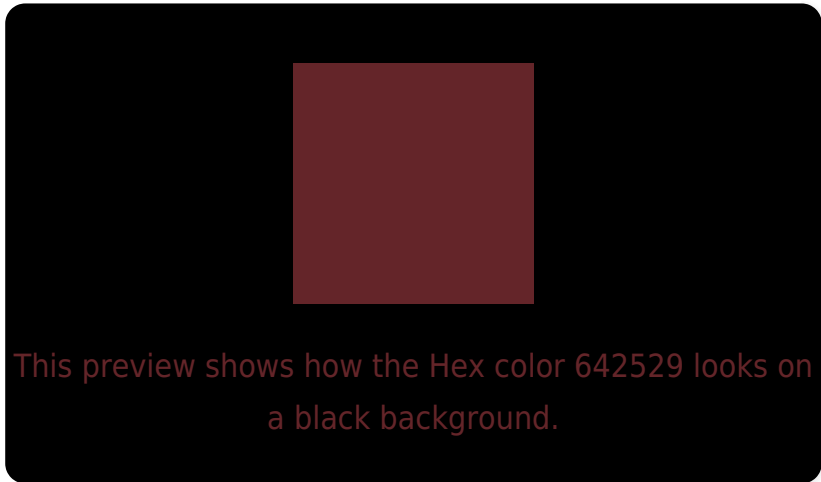
Large Text (above 18pt) WCAG AA ✓ Pass

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

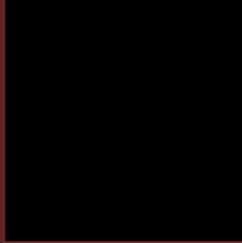
Any Text WCAG AA × Fail

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 642529 Background



This preview shows how black text looks on a background with the Hex color 642529.



This preview shows how white text looks on a background with the Hex color 642529.

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
642529

Protanopia
3E3B33

Deuteranopia
473826



Tritanopia
642528

Trichromacy



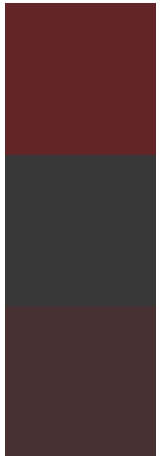
Original Color
642529

Protanomaly
4C332F

Deuteranomaly
523127

Tritanomaly
642528

Monochromacy



Original Color
642529

Achromatopsia
383838

Achromatomaly
483133

CSS Examples

Text

The CSS property to change the color of the text to Hex 642529 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 #642529 looks like.

```
.text, #text, p{  
    color:#642529  
}
```

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 #642529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642529
}
```

Border

The CSS property to change the border of an element to Hex 642529 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".

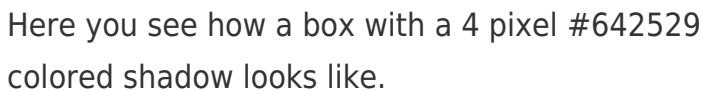
```
.border, #border, table{ border:4px solid
#642529 }
```

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

```
.border{ border-color:#642529 }
```

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

Here you see how a box with a 4 pixel #642529 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642529; -webkit-box-shadow:4px 4px  
4px 4px #642529; box-shadow:4px 4px 4px  
4px #642529 }
```

Background

The CSS property to change the background color of an element to Hex 642529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642529 }
```

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

```
.background{ background-color:#642529 }
```

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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