

Converting Colors

Hex(642135)

Have a look what the booklet for
Hex(642135) contains.

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Color

Hex(642135)

Conversions

Conversions Part 1

Format	Color
Hex	642135
RGB	100, 33, 53
RGB Percent	39%, 13%, 21%
CMY	0.6078, 0.8706, 0.7922
CMYK	0.00, 0.67, 0.47, 0.61
HSL	342°, 50%, 26%
HSV	342°, 67%, 39%
XYZ	6.4420, 4.0541, 3.8111
YIQ	55.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

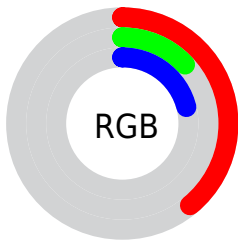
Format	Color
R_{YB}	100, 33, 53
Decimal	6562101
CIE _{Lab}	23.85, 32.09, 3.28
CIE _{LCh}	24, 32.262, 5.841
Yxy	4.0541, 0.4503, 0.2834
Android (android.graphics.Color)	4284752181 (0xFF642135)
YUV	55.3130, -1.1403, 39.1905
Hunter-Lab	20.1347, 21.8742, 2.8718

Details

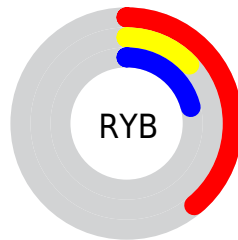
The Hex color **642135** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **216450**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **9A5263**, and **320008** is the 20% darker color. If you saturate the color by 10%, you get **64172E**, and if you desaturate by 10%, it is **642B3C**.

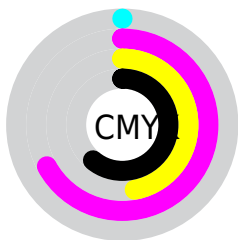
Distribution



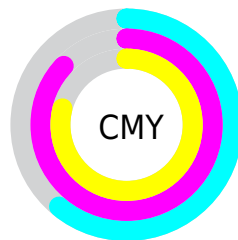
- Red (39%)
- Green (13%)
- Blue (21%)



- Red (39%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (67%)
- Yellow (47%)
- Black (61%)



- Cyan (61%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 642135 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 642135 by changing the saturation by 10% instead.

 642135

 642135

FFFFFF

 4A0720

 9A5263

 320008

 B66B7C

 0E0000

 D28596

 000000

 EF9FB1

 FFBBCC

 FFD7E8

 FFF3FF

 642135

 642135

■ 64172E

■ 642B3C

■ 640D27

■ 643543

■ 640320

■ 643F4A

■ 64001E

■ 644951

■ 645358

■ 645D5F

■ 646766

■ 64716D

■ 647B74

Harmonies

Analogous

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



5A264D



642135



61261E

Triad

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



642135



273F0E



004065

Complementary

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



642135



216450

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.



004454



642135



004324

Square

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



642135



413901



00443D



013A69

Rectangle

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



642135



5A2D10



00443D



004260

Sweetspot

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



642135



826870



502164



423237



C2C2C2



424242

Same Dimension

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



642135



821A39



642E21



332E2F



730022



F20048

Inverse Universe

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



642135



821A39



215764



332E2F



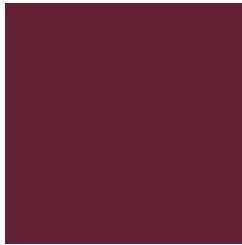
730022



F20048

Previews

White Background



This preview shows how the Hex color 642135 looks on a white background.

Color Contrast Check

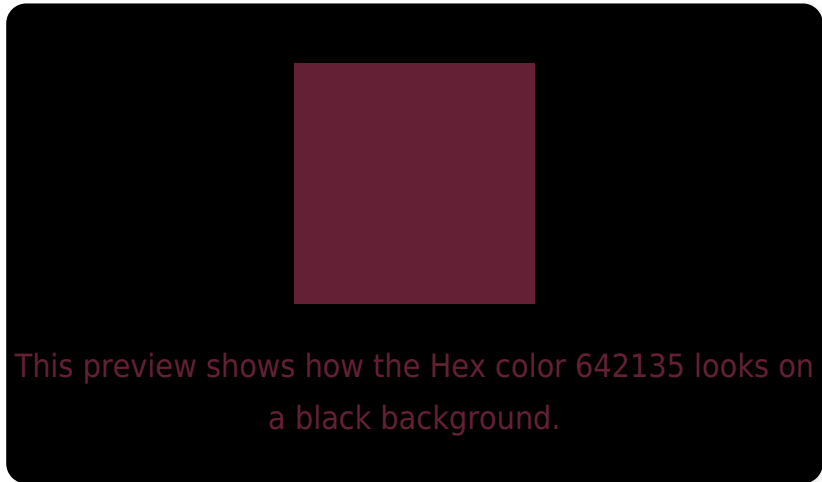
Large Text (above 18pt) WCAG AA ✓ Pass

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

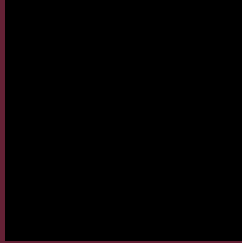
Any Text WCAG AA × Fail

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 642135 Background



This preview shows how black text looks on a background with the Hex color 642135.



This preview shows how white text looks on a background with the Hex color 642135.

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
642135

Protanopia
383A43

Deuteranopia
423832



Tritanopia
632426

Trichromacy



Original Color
642135

Protanomaly
48313E

Deuteranomaly
4E3033

Tritanomaly
63232B

Monochromacy



Original Color
642135

Achromatopsia
373737

Achromatomaly
472F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 642135 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 #642135 looks like.

```
.text, #text, p{  
    color:#642135  
}
```

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 #642135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642135
}
```

Border

The CSS property to change the border of an element to Hex 642135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

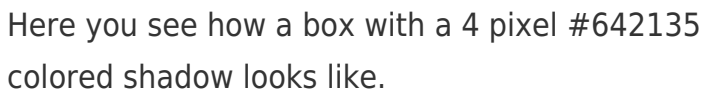
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642135 }
```

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

```
.border{ border-color:#642135 }
```

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



Here you see how a box with a 4 pixel #642135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642135; -webkit-box-shadow:4px 4px  
4px 4px #642135; box-shadow:4px 4px 4px  
4px #642135 }
```

Background

The CSS property to change the background color of an element to Hex 642135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642135 }
```

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

```
.background{ background-color:#642135 }
```

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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