

Converting Colors

Hex(64142B)

Have a look what the booklet for
Hex(64142B) contains.

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Color

Hex(64142B)

Conversions

Conversions Part 1

Format	Color
Hex	64142B
RGB	100, 20, 43
RGB Percent	39%, 8%, 17%
CMY	0.6078, 0.9216, 0.8314
CMYK	0.00, 0.80, 0.57, 0.61
HSL	343°, 67%, 24%
HSV	343°, 80%, 39%
XYZ	5.9417, 3.3841, 2.6255
YIQ	46.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

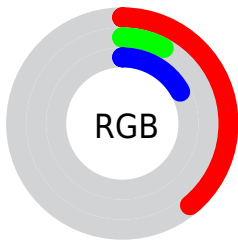
Format	Color
RYB	100, 20, 43
Decimal	6558763
CIELab	21.52, 36.71, 6.91
CIElCh	22, 37.357, 10.660
Yxy	3.3841, 0.4972, 0.2832
Android (android.graphics.Color)	4284748843 (0xFF64142B)
YUV	46.5420, -1.7462, 46.8827
Hunter-Lab	18.3958, 25.4618, 4.4150

Details

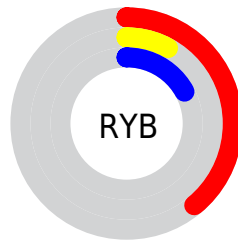
The Hex color **64142B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **14644D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9B4758**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **640A24**, and if you desaturate by 10%, it is **641E32**.

Distribution



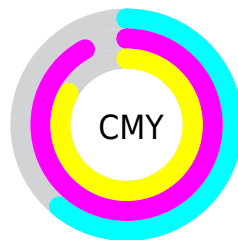
- Red (39%)
- Green (8%)
- Blue (17%)



- Red (39%)
- Yellow (8%)
- Blue (17%)



- Cyan (0%)
- Magenta (80%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64142B 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 64142B by changing the saturation by 10% instead.

64142B

64142B

FFFFFF

490017

9B4758

320001

B76071

000000

D47A8A

F295A4

FFB0BF

FFCCDB

FFE9F7

64142B

64142B

■ 640A24

■ 641E32

■ 64001D

■ 642839

■ 643240

■ 643C48

■ 64464F

■ 645056

■ 645A5D

■ 646464

■ 646E6B

Harmonies

Analogous

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



5B1947



64142B



5E1E11

Triad

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



64142B



173C02



003C68

Complementary

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



64142B



14644D

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.



003F57



64142B



003F20

Square

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



64142B



383500



00403D



00346A

Rectangle

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



64142B



552700



00403D



003D64

Sweetspot

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



64142B



82636C



4C1464



422F35



C2C2C2



424242

Same Dimension

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



64142B



820529



642414



332E2F



730021



F20046

Inverse Universe

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



64142B



820529



145464



332E2F



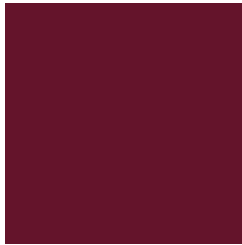
730021



F20046

Previews

White Background



This preview shows how the Hex color 64142B looks on a white background.

Color Contrast Check

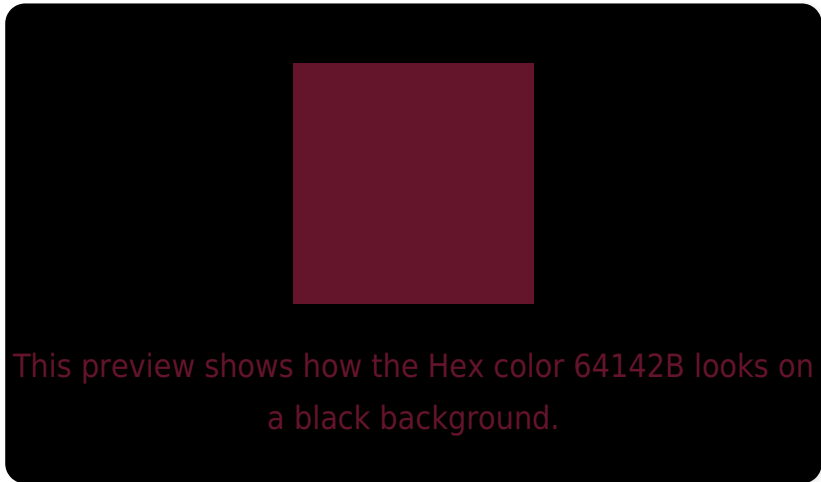
Large Text (above 18pt) WCAG AA ✓ Pass

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 64142B Background



This preview shows how black text looks on a background with the Hex color 64142B.



This preview shows how white text looks on a background with the Hex color 64142B.

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
64142B

Protanopia
35353B

Deuteranopia
3F3327



Tritanopia
631819

Trichromacy



Original Color
64142B

Protanomaly
462935

Deuteranomaly
4C2828

Tritanomaly
631720

Monochromacy



Original Color
64142B

Achromatopsia
2F2F2F

Achromatomaly
42252E

CSS Examples

Text

The CSS property to change the color of the text to Hex 64142B 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 #64142B looks like.

```
.text, #text, p{  
    color:#64142B  
}
```

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 #64142B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64142B
}
```

Border

The CSS property to change the border of an element to Hex 64142B 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
#64142B }
```

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

```
.border{ border-color:#64142B }
```

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

Here you see how a box with a 4 pixel #64142B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64142B; -webkit-box-shadow:4px 4px  
4px 4px #64142B; box-shadow:4px 4px 4px  
4px #64142B }
```

Background

The CSS property to change the background color of an element to Hex 64142B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64142B }
```

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

```
.background{ background-color:#64142B }
```

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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