

Converting Colors

Hex(64112B)

Have a look what the booklet for
Hex(64112B) contains.

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Color

Hex(64112B)

Conversions

Conversions Part 1

Format	Color
Hex	64112B
RGB	100, 17, 43
RGB Percent	39%, 7%, 17%
CMY	0.6078, 0.9333, 0.8314
CMYK	0.00, 0.83, 0.57, 0.61
HSL	341°, 71%, 23%
HSV	341°, 83%, 39%
XYZ	5.8920, 3.2846, 2.6090
YIQ	44.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

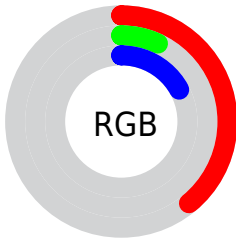
Format	Color
R_{YB}	100, 17, 43
Decimal	6557995
CIE Lab	21.15, 37.76, 6.39
CIE LCh	21, 38.294, 9.609
Yxy	3.2846, 0.4999, 0.2787
Android (android.graphics.Color)	4284748075 (0xFF64112B)
YUV	44.7810, -0.8780, 48.4271
Hunter-Lab	18.1236, 26.3146, 4.1515

Details

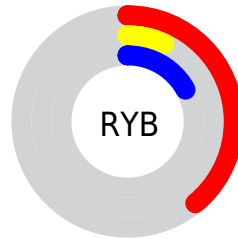
The Hex color **64112B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11644A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9B4558**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **640724**, and if you desaturate by 10%, it is **641B32**.

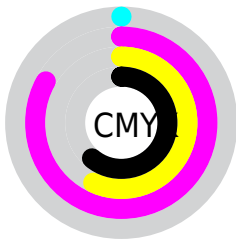
Distribution



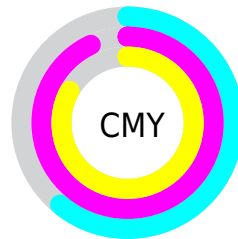
- Red (39%)
- Green (7%)
- Blue (17%)



- Red (39%)
- Yellow (7%)
- Blue (17%)



- Cyan (0%)
- Magenta (83%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (93%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64112B 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 64112B by changing the saturation by 10% instead.

 64112B

 64112B

FFFFFF

 490017

 9B4558

 320001

 B75F70

 000000

 D4788A

 F293A4

 FFAEBF

 FFCADB

 FFE7F7

 64112B

 64112B

■ 640724

■ 641B32

■ 64001F

■ 642539

■ 642F40

■ 643946

■ 64434D

■ 644D54

■ 64575B

■ 646162

■ 646B69

Harmonies

Analogous

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



5B1747



64112B



5F1C10

Triad

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



64112B



173B00



003B68

Complementary

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



64112B



11644A

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.



003F56



64112B



003E1E

Square

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



64112B



383400



003F3B



00336B

Rectangle

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



64112B



552600



003F3B



003D64

Sweetspot

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



64112B



82626C



4A1164



422E35



C2C2C2



424242

Same Dimension

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



64112B



820029



642011



332E2F



730024



F2004C

Inverse Universe

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



64112B



820029



115564



332E2F



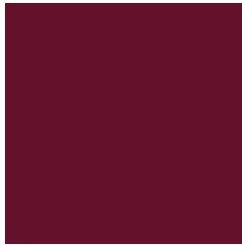
730024



F2004C

Previews

White Background



This preview shows how the Hex color 64112B looks on a white background.

Color Contrast Check

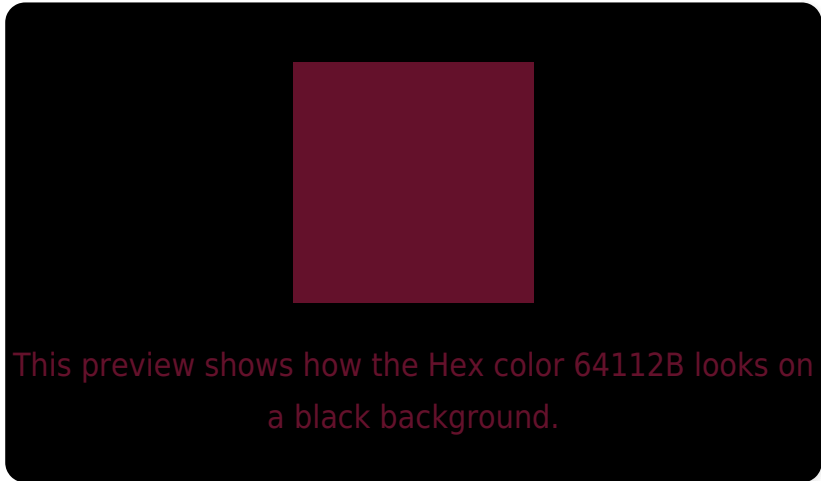
Large Text (above 18pt) WCAG AA ✓ Pass

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

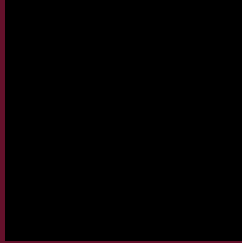
Any Text WCAG AA × Fail

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 64112B Background



This preview shows how black text looks on a background with the Hex color 64112B.



This preview shows how white text looks on a background with the Hex color 64112B.

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
64112B

Protanopia
34353C

Deuteranopia
3F3327



Tritanopia
631717

Trichromacy



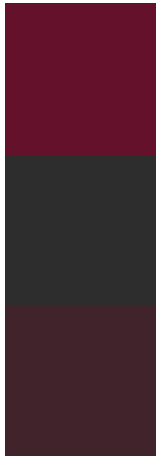
Original Color
64112B

Protanomaly
452836

Deuteranomaly
4C2728

Tritanomaly
63151E

Monochromacy



Original Color
64112B

Achromatopsia
2D2D2D

Achromatomaly
41232C

CSS Examples

Text

The CSS property to change the color of the text to Hex 64112B 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 #64112B looks like.

```
.text, #text, p{  
    color:#64112B  
}
```

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 #64112B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64112B
}
```

Border

The CSS property to change the border of an element to Hex 64112B is called "border". The border property can be set on classes, ids or directly on the HTML element.

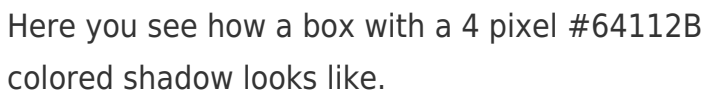
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64112B }
```

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

```
.border{ border-color:#64112B }
```

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



Here you see how a box with a 4 pixel #64112B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64112B; -webkit-box-shadow:4px 4px  
4px 4px #64112B; box-shadow:4px 4px 4px  
4px #64112B }
```

Background

The CSS property to change the background color of an element to Hex 64112B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64112B }
```

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

```
.background{ background-color:#64112B }
```

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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