

Converting Colors

Hex(64213E)

Have a look what the booklet for
Hex(64213E) contains.

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Color

Hex(64213E)

Conversions

Conversions Part 1

Format	Color
Hex	64213E
RGB	100, 33, 62
RGB Percent	39%, 13%, 24%
CMY	0.6078, 0.8706, 0.7569
CMYK	0.00, 0.67, 0.38, 0.61
HSL	334°, 50%, 26%
HSV	334°, 67%, 39%
XYZ	6.6689, 4.1448, 5.0060
YIQ	56.3390, 30.6230, 23.2230

Conversions

Conversions Part 2

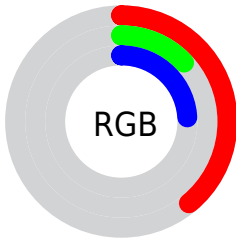
Format	Color
R_{YB}	100, 33, 62
Decimal	6562110
CIE Lab	24.14, 33.19, -2.43
CIE LCh	24, 33.277, 355.806
Yxy	4.1448, 0.4216, 0.2620
Android (android.graphics.Color)	4284752190 (0xFF64213E)
YUV	56.3390, 2.7909, 38.2907
Hunter-Lab	20.3589, 22.8426, -0.3274

Details

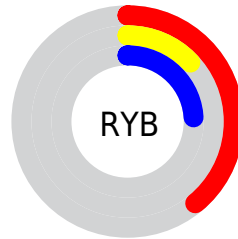
The Hex color **64213E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **216447**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **99526D**, and **320014** is the 20% darker color. If you saturate the color by 10%, you get **641738**, and if you desaturate by 10%, it is **642B44**.

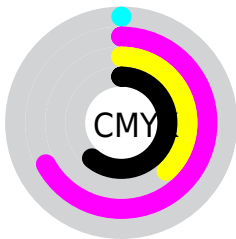
Distribution



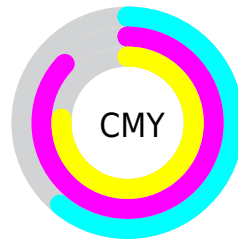
- Red (39%)
- Green (13%)
- Blue (24%)



- Red (39%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (67%)
- Yellow (38%)
- Black (61%)



- Cyan (61%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64213E 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 64213E by changing the saturation by 10% instead.

 64213E

 64213E

FFFFFF

 4A0628

 99526D

 320014

 B56B87

 130000

 D285A1

 000000

 EFA0BC

 FFBBD8

 FFD7F4

 FFF4FF

 64213E

 64213E

641738

642B44

640D33

643549

64032D

643F4F

64002B

644955

64535A

645D60

646766

64716B

647B71

Harmonies

Analogous

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



542956



64213E



652325

Triad

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



64213E



313E06



004362

Complementary

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



64213E



216447

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.



00454E



64213E



0B431C

Square

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



64213E



493700



004535



003D6B

Rectangle

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



64213E



602916



004535



00445D

Sweetspot

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



64213E



826873



472164



423239



C2C2C2



424242

Same Dimension

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



64213E



821A47



642521



332E30



730032



F20069

Inverse Universe

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



64213E



821A47



216064



332E30



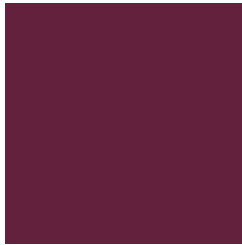
730032



F20069

Previews

White Background



This preview shows how the Hex color 64213E looks on a white background.

Color Contrast Check

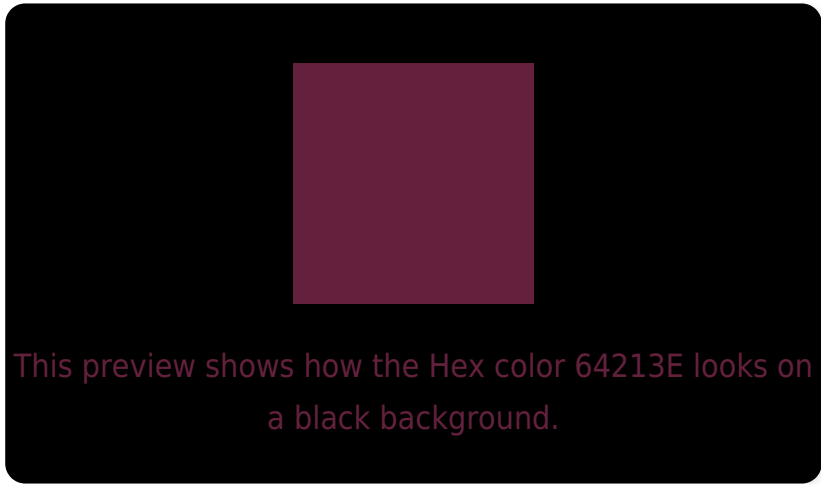
Large Text (above 18pt) WCAG AA ✓ Pass

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

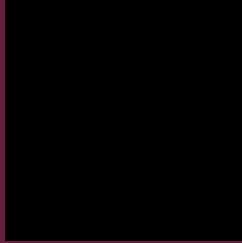
Any Text WCAG AA × Fail

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 64213E Background



This preview shows how black text looks on a background with the Hex color 64213E.



This preview shows how white text looks on a background with the Hex color 64213E.

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
64213E

Protanopia
353A4E

Deuteranopia
40393B



Tritanopia
622628

Trichromacy



Original Color
64213E

Protanomaly
463148

Deuteranomaly
4D303C

Tritanomaly
632430

Monochromacy



Original Color
64213E

Achromatopsia
383838

Achromatomaly
48303A

CSS Examples

Text

The CSS property to change the color of the text to Hex 64213E 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 #64213E looks like.

```
.text, #text, p{  
    color:#64213E  
}
```

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 #64213E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64213E
}
```

Border

The CSS property to change the border of an element to Hex 64213E is called "border". The border property can be set on classes, ids or directly on the HTML element.

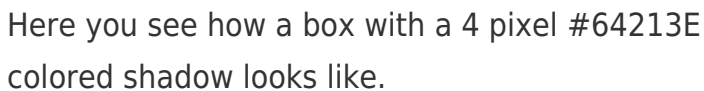
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64213E }
```

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

```
.border{ border-color:#64213E }
```

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



Here you see how a box with a 4 pixel #64213E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64213E; -webkit-box-shadow:4px 4px  
4px 4px #64213E; box-shadow:4px 4px 4px  
4px #64213E }
```

Background

The CSS property to change the background color of an element to Hex 64213E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64213E }
```

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

```
.background{ background-color:#64213E }
```

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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