

Converting Colors

Hex(6A1E35)

Have a look what the booklet for
Hex(6A1E35) contains.

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Color

Hex(6A1E35)

Conversions

Conversions Part 1

Format	Color
Hex	6A1E35
RGB	106, 30, 53
RGB Percent	42%, 12%, 21%
CMY	0.5843, 0.8824, 0.7922
CMYK	0.00, 0.72, 0.50, 0.58
HSL	342°, 56%, 27%
HSV	342°, 72%, 42%
XYZ	7.0507, 4.2498, 3.8168
YIQ	55.3460, 37.9130, 23.2650

Conversions

Conversions Part 2

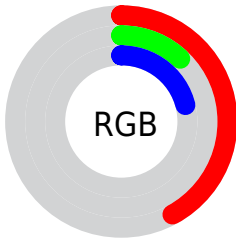
Format	Color
R_{YB}	106, 30, 53
Decimal	6954549
CIE _{Lab}	24.48, 35.60, 4.34
CIE _{LCh}	24, 35.867, 6.948
Yxy	4.2498, 0.4664, 0.2811
Android (android.graphics.Color)	4285144629 (0xFF6A1E35)
YUV	55.3460, -1.1566, 44.4236
Hunter-Lab	20.6149, 24.9745, 3.4530

Details

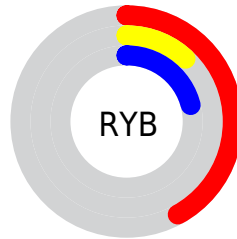
The Hex color **6A1E35** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E6A53**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A15063**, and **370008** is the 20% darker color. If you saturate the color by 10%, you get **6A132E**, and if you desaturate by 10%, it is **6A293C**.

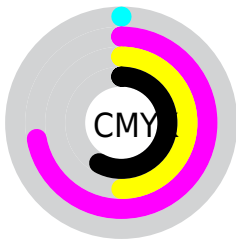
Distribution



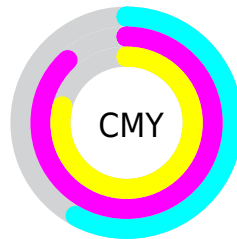
- Red (42%)
- Green (12%)
- Blue (21%)



- Red (42%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (72%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1E35 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 6A1E35 by changing the saturation by 10% instead.

6A1E35

6A1E35

FFFFFF

500120

A15063

370008

BD697C

180001

DA8396

000000

F79EB1

FFB9CC

FFD6E8

FFF2FF

6A1E35

6A1E35

■ 6A132E

■ 6A293C

■ 6A0926

■ 6A3344

■ 6A0020

■ 6A3E4B

■ 6A4853

■ 6A535A

■ 6A5E61

■ 6A6869

■ 6A7370

■ 6A7D78

Harmonies

Analogous

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



5F2450



6A1E35



66251B

Triad

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



6A1E35



254209



00436C

Complementary

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



6A1E35



1E6A53

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.



00465A



6A1E35



004524

Square

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



6A1E35



423B00



004740



003B70

Rectangle

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



6A1E35



5D2D0B



004740



004467

Sweetspot

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



6A1E35



8A6B75



521E6A



453338



C4C4C4



454545

Same Dimension

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



6A1E35



8A1337



6A2C1E



363032



750023



F5004A

Inverse Universe

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



6A1E35



8A1337



1E5C6A



363032



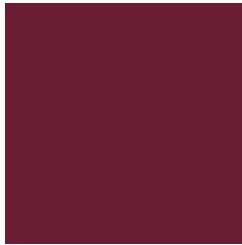
750023



F5004A

Previews

White Background



This preview shows how the Hex color 6A1E35 looks on a white background.

Color Contrast Check

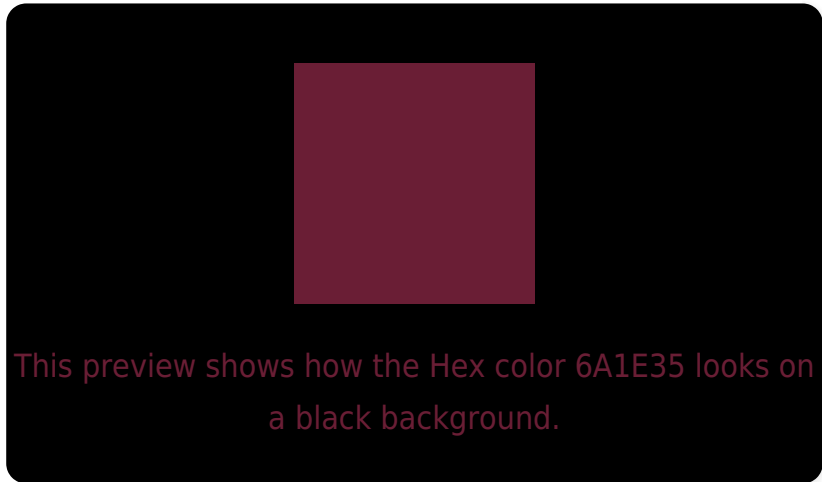
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A1E35 Background



This preview shows how black text looks on a background with the Hex color 6A1E35.



This preview shows how white text looks on a background with the Hex color 6A1E35.

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
6A1E35

Protanopia
3A3B45

Deuteranopia
453931



Tritanopia
692224

Trichromacy



Original Color

6A1E35

Protanomaly

4B303F

Deuteranomaly

522F32

Tritanomaly

69212A

Monochromacy



Original Color

6A1E35

Achromatopsia

373737

Achromatomaly

4A2E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1E35 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 #6A1E35 looks like.

```
.text, #text, p{  
    color:#6A1E35  
}
```

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 #6A1E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1E35  
}
```

Border

The CSS property to change the border of an element to Hex 6A1E35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

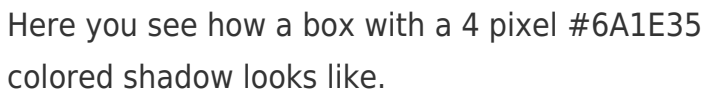
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A1E35 }
```

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

```
.border{ border-color:#6A1E35 }
```

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



Here you see how a box with a 4 pixel #6A1E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1E35; -webkit-box-shadow:4px 4px  
4px 4px #6A1E35; box-shadow:4px 4px 4px  
4px #6A1E35 }
```

Background

The CSS property to change the background color of an element to Hex 6A1E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1E35 }
```

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

```
.background{ background-color:#6A1E35 }
```

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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