

Converting Colors

Hex(6A1538)

Have a look what the booklet for
Hex(6A1538) contains.

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Color

Hex(6A1538)

Conversions

Conversions Part 1

Format	Color
Hex	6A1538
RGB	106, 21, 56
RGB Percent	42%, 8%, 22%
CMY	0.5843, 0.9176, 0.7804
CMYK	0.00, 0.80, 0.47, 0.58
HSL	335°, 67%, 25%
HSV	335°, 80%, 42%
XYZ	6.9258, 3.8860, 4.1264
YIQ	50.4050, 39.4250, 28.9050

Conversions

Conversions Part 2

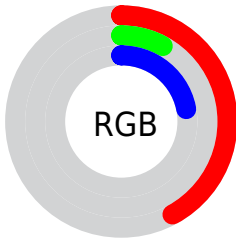
Format	Color
R_{YB}	106, 21, 56
Decimal	6952248
CIE Lab	23.29, 39.48, 0.56
CIE LCh	23, 39.487, 0.818
Yxy	3.8860, 0.4636, 0.2601
Android (android.graphics.Color)	4285142328 (0xFF6A1538)
YUV	50.4050, 2.7583, 48.7568
Hunter-Lab	19.7130, 28.2152, 1.3882

Details

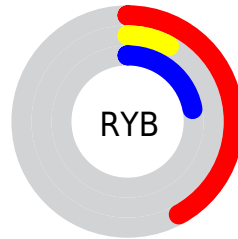
The Hex color **6A1538** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **156A47**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **A14967**, and **37000C** is the 20% darker color. If you saturate the color by 10%, you get **6A0A32**, and if you desaturate by 10%, it is **6A203E**.

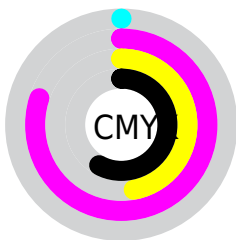
Distribution



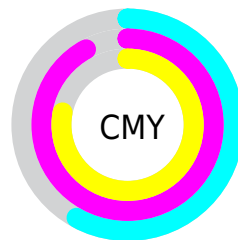
- Red (42%)
- Green (8%)
- Blue (22%)



- Red (42%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (92%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1538 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 6A1538 by changing the saturation by 10% instead.

6A1538

6A1538

FFFFFF

4F0023

A14967

37000C

BD6380

170000

DA7D9A

000000

F898B4

FFB3D0

FFCFEC

FFECFF

6A1538

6A1538

■ 6A0A32

■ 6A203E

■ 6A002C

■ 6A2A44

■ 6A354B

■ 6A3F51

■ 6A4A57

■ 6A555D

■ 6A5F64

■ 6A6A6A

■ 6A7470

Harmonies

Analogous

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



5B2055



6A1538



691C1B

Triad

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



6A1538



263E00



00426B

Complementary

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



6A1538



156A47

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.



004455



6A1538



004319

Square

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



6A1538



443600



004437



003B73

Rectangle

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



6A1538



602607



004437



004365

Sweetspot

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



6A1538



8A6976



47156A



453139



C4C4C4



454545

Same Dimension

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



6A1538



8A063C



6A1C15



363032



750030



F50065

Inverse Universe

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



6A1538



8A063C



15636A



363032



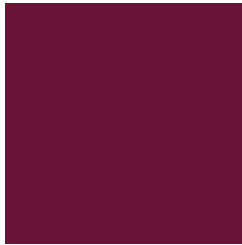
750030



F50065

Previews

White Background



This preview shows how the Hex color 6A1538 looks on a white background.

Color Contrast Check

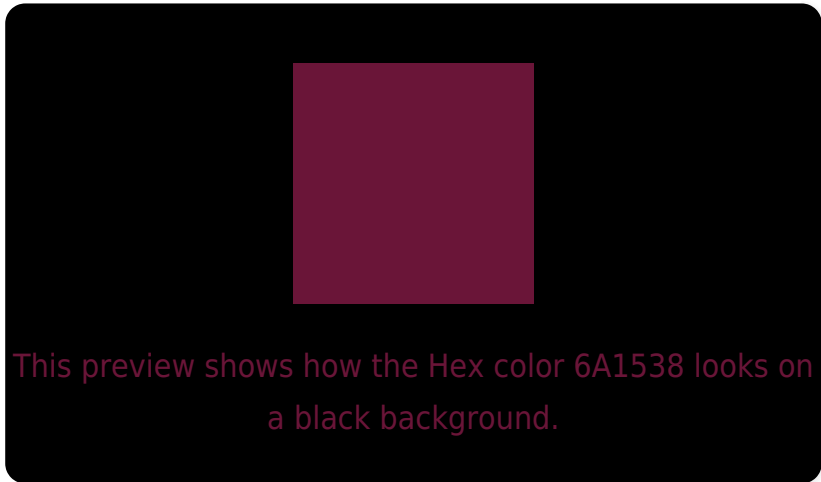
Large Text (above 18pt) WCAG AA ✓ Pass

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

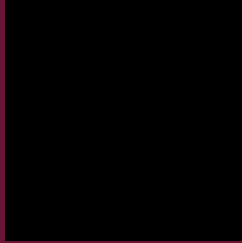
Any Text WCAG AA × Fail

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 6A1538 Background



This preview shows how black text looks on a background with the Hex color 6A1538.



This preview shows how white text looks on a background with the Hex color 6A1538.

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
6A1538

Protanopia
34394C

Deuteranopia
413734



Tritanopia
691D1E

Trichromacy



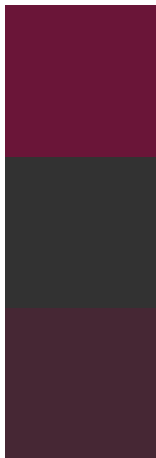
Original Color
6A1538

Protanomaly
482C45

Deuteranomaly
502B35

Tritanomaly
691A27

Monochromacy



Original Color
6A1538

Achromatopsia
323232

Achromatomaly
462734

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1538 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 #6A1538 looks like.

```
.text, #text, p{  
    color:#6A1538  
}
```

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 #6A1538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1538
}
```

Border

The CSS property to change the border of an element to Hex 6A1538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

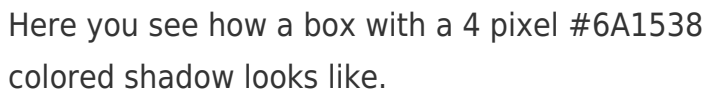
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1538 }
```

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

```
.border{ border-color:#6A1538 }
```

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



Here you see how a box with a 4 pixel #6A1538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1538; -webkit-box-shadow:4px 4px  
4px 4px #6A1538; box-shadow:4px 4px 4px  
4px #6A1538 }
```

Background

The CSS property to change the background color of an element to Hex 6A1538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1538 }
```

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

```
.background{ background-color:#6A1538 }
```

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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