

# Converting Colors

Hex(6B2B65)

Have a look what the booklet for  
Hex(6B2B65) contains.

<b>Hex(6B2B65)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6B2B65)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6B2B65
RGB	107, 43, 101
RGB Percent	42%, 17%, 40%
CMY	0.5804, 0.8314, 0.6039
CMYK	0.00, 0.60, 0.06, 0.58
HSL	306°, 43%, 29%
HSV	306°, 60%, 42%
XYZ	9.2762, 5.7931, 12.9412
YIQ	68.7480, 19.5260, 31.6060

# Conversions

## Conversions Part 2

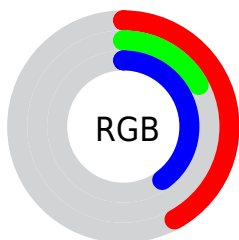
Format	Color
<a href="#">RYB</a>	<a href="#">107, 43, 101</a>
Decimal	<a href="#">7023461</a>
CIELab	<a href="#">28.88, 36.74, -20.95</a>
CIELCh	<a href="#">29, 42.289, 330.310</a>
Yxy	<a href="#">5.7931, 0.3312, 0.2068</a>
Android (android.graphics.Color)	<a href="#">4285213541</a> (0xFF6B2B65)
YUV	<a href="#">68.7480, 15.9002, 33.5470</a>
Hunter-Lab	<a href="#">24.0689, 26.6738, -15.0303</a>

# Details

The Hex color **6B2B65** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B6B31**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A05C98**, and **390036** is the 20% darker color. If you saturate the color by 10%, you get **6B2064**, and if you desaturate by 10%, it is **6B3666**.

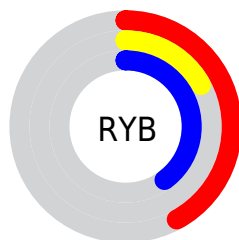
# Distribution



Red (42%)

Green (17%)

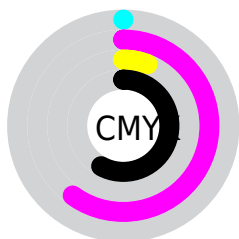
Blue (40%)



Red (42%)

Yellow (17%)

Blue (40%)

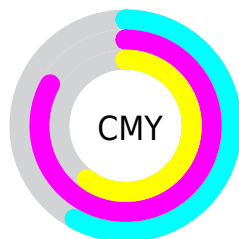


Cyan (0%)

Magenta (60%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (83%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B2B65 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 6B2B65 by changing the saturation by 10% instead.



 6B2B65

 6B2B65

FFFFFF

 52114D

 A05C98

 390036

 BC76B3

 250021

 D890CF

 000004

 F5ABEB

 000000

 FFC7FF

 FFE4FF

 6B2B65

 6B2B65

 6B2064

 6B3666

 6B1663

 6B4067

 6B0B62

 6B4B68

 6B0061

 6B5669

 6B616A

 6B6B6B

 6B766C

 6B816D

 6B8B6E

# Harmonies

## Analogous

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



423B7D



6B2B65



7C2045

# Triad

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



6B2B65



534300



005364

# Complementary

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



6B2B65



2B6B31

# 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.



005343



6B2B65



324C01

# Square

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



6B2B65



6C3607



005122



00507D

# Rectangle

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



6B2B65



7D2330



005122



00535A



# Sweetspot

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



6B2B65



8C738A



302B6B



473846



C7C7C7



474747



# Same Dimension

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



6B2B65



8C2783



6B2B46



363035



75006A



F500DE



# Inverse Universe

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



6B2B65



8C2783



2B6B50



363035



75006A

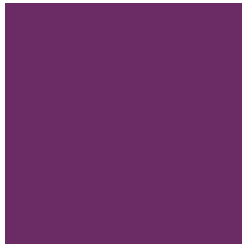


F500DE



# Previews

## White Background



This preview shows how the Hex color 6B2B65 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



This preview shows how the Hex color 6B2B65 looks on a 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 6B2B65 Background



This preview shows how black text looks on a background with the Hex color 6B2B65.



This preview shows how white text looks on a background with the Hex color 6B2B65.

# 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**  
6B2B65

**Protanopia**  
2C437A

**Deuteranopia**  
3B4461



**Tritanopia**  
66363A

# Trichromacy



**Original Color**

6B2B65



**Protanomaly**

433A72



**Deuteranomaly**

4C3B62



**Tritanomaly**

68324A

# Monochromacy



**Original Color**

6B2B65



**Achromatopsia**

454545



**Achromatomaly**

533C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B2B65 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 #6B2B65 looks like.

```
.text, #text, p{  
    color:#6B2B65  
}
```

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 #6B2B65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2B65
}
```

## Border

The CSS property to change the border of an element to Hex 6B2B65 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
#6B2B65 }
```

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

```
.border{ border-color:#6B2B65 }
```

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

Here you see how a box with a 4 pixel #6B2B65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2B65; -webkit-box-shadow:4px 4px  
4px 4px #6B2B65; box-shadow:4px 4px 4px  
4px #6B2B65 }
```

# Background

The CSS property to change the background color of an element to Hex 6B2B65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2B65 }
```

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

```
.background{ background-color:#6B2B65 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor