

# Converting Colors

Hex(650B28)

Have a look what the booklet for  
Hex(650B28) contains.

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**Color**

**Hex(650B28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	650B28
RGB	101, 11, 40
RGB Percent	40%, 4%, 16%
CMY	0.6039, 0.9569, 0.8431
CMYK	0.00, 0.89, 0.60, 0.60
HSL	341°, 80%, 22%
HSV	341°, 89%, 40%
XYZ	5.8695, 3.1592, 2.3079
YIQ	41.2160, 44.3310, 28.0990

# Conversions

## Conversions Part 2

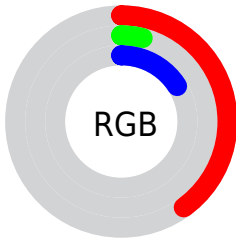
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 11, 40
Decimal	6621992
CIE <sub>Lab</sub>	20.67, 39.57, 7.88
CIE <sub>LCh</sub>	21, 40.345, 11.257
Yxy	3.1592, 0.5177, 0.2787
Android (android.graphics.Color)	4284812072 (0xFF650B28)
YUV	41.2160, -0.5995, 52.4306
Hunter-Lab	17.7743, 27.8401, 4.7434

# Details

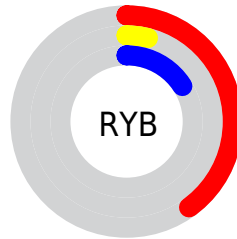
The Hex color **650B28** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B6548**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9D4255**, and **330001** is the 20% darker color. If you saturate the color by 10%, you get **650121**, and if you desaturate by 10%, it is **65152F**.

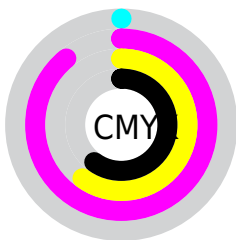
# Distribution



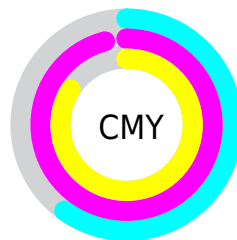
- Red (40%)
- Green (4%)
- Blue (16%)



- Red (40%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (89%)
- Yellow (60%)
- Black (60%)



- Cyan (60%)
- Magenta (96%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 650B28 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 650B28 by changing the saturation by 10% instead.



 650B28

 650B28

FFFFFF

 4A0014

 9D4255

 330001

 B95B6D

 000000

 D67586

 F490A0

 FFABBB

 FFC7D7

 FFE4F3

 650B28

 650B28

■ 650121

■ 65152F

■ 650021

■ 651F36

■ 65293D

■ 653343

■ 653E4A

■ 654851

■ 655258

■ 655C5F

■ 656666

# Harmonies

## Analogous

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



5C1246



650B28



5E1A0A

# Triad

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



650B28



113A00



003A6A

# Complementary

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



650B28



0B6548

# 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.



003E58



650B28



003D1D

# Square

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



650B28



343400



003F3D



00326D

# Rectangle

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



650B28



542500



003F3D



003C66



# Sweetspot

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



650B28



825F6A



470B65



422D34



C2C2C2



424242



# Same Dimension

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



650B28



82002A



651A0B



332E30



730025



F2004E



# Inverse Universe

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



650B28



82002A



0B5665



332E30



730025

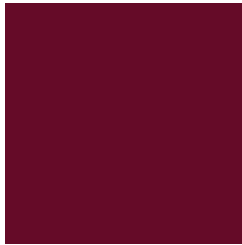


F2004E



# Previews

## White Background



This preview shows how the Hex color 650B28 looks on a white background.

## Color Contrast Check

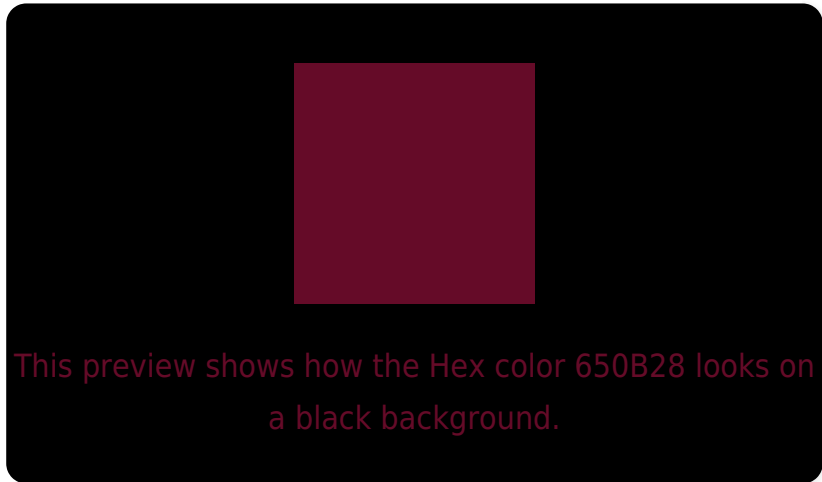
Large Text (above 18pt) WCAG AA ✓ Pass

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 650B28 Background



This preview shows how black text looks on a background with the Hex color 650B28.



This preview shows how white text looks on a background with the Hex color 650B28.

# 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**  
650B28

**Protanopia**  
343439

**Deuteranopia**  
3F3224



# Trichromacy



**Original Color**  
650B28

**Protanomaly**  
462533

**Deuteranomaly**  
4D2425

**Tritanomaly**  
640F1A

# Monochromacy



**Original Color**  
650B28

**Achromatopsia**  
292929

**Achromatomaly**  
3F1E29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 650B28 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 #650B28 looks like.

```
.text, #text, p{  
    color:#650B28  
}
```

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 #650B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650B28
}
```

## Border

The CSS property to change the border of an element to Hex 650B28 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
#650B28 }
```

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

```
.border{ border-color:#650B28 }
```

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

Here you see how a box with a 4 pixel #650B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650B28; -webkit-box-shadow:4px 4px  
4px 4px #650B28; box-shadow:4px 4px 4px  
4px #650B28 }
```

# Background

The CSS property to change the background color of an element to Hex 650B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650B28 }
```

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

```
.background{ background-color:#650B28 }
```

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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