

# Converting Colors

Hex(264222)

Have a look what the booklet for  
Hex(264222) contains.

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# Color

Hex(264222)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	264222
RGB	38, 66, 34
RGB Percent	15%, 26%, 13%
CMY	0.8510, 0.7412, 0.8667
CMYK	0.42, 0.00, 0.48, 0.74
HSL	112°, 32%, 20%
HSV	112°, 48%, 26%
XYZ	3.0363, 4.4240, 2.2073
YIQ	53.9800, -6.4160, -15.8880

# Conversions

## Conversions Part 2

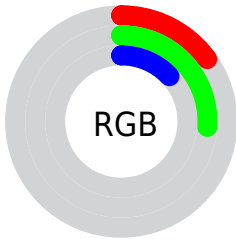
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 66, 62
Decimal	2507298
CIE Lab	25.03, -18.19, 16.20
CIE LCh	25, 24.358, 138.306
Yxy	4.4240, 0.3141, 0.4576
Android (android.graphics.Color)	4280697378 (0xFF264222)
YUV	53.9800, -9.8501, -14.0145
Hunter-Lab	21.0333, -11.0407, 8.5013

# Details

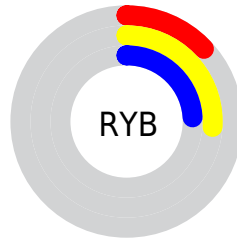
The Hex color **264222** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E2242**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **55724F**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **20421B**, and if you desaturate by 10%, it is **2C4229**.

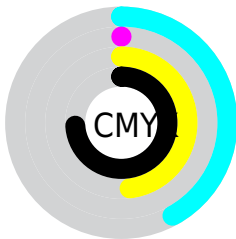
# Distribution



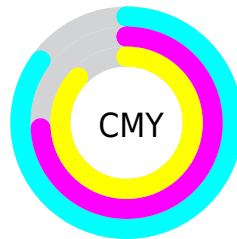
- Red (15%)
- Green (26%)
- Blue (13%)



- Red (13%)
- Yellow (26%)
- Blue (24%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (74%)



- Cyan (85%)
- Magenta (74%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264222 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 264222 by changing the saturation by 10% instead.



■ 264222

■ 264222

FFFFFF

■ 102C0D

■ 55724F

■ 001900

■ 6D8C67

■ 000000

■ 87A680

■ A1C19A

■ BDDDB5

■ D9FAD1

■ F5FFED

■ 264222

■ 264222

■ 20421B

■ 2C4229

■ 1A4215

■ 32422F

■ 15420E

■ 374236

■ 0F4208

■ 3D423C

■ 094201

■ 434243

■ 084200

■ 49424A

■ 4E4250

■ 544257

■ 5A425D

# Harmonies

## Analogous

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



3B3E17



264222



034433

# Triad

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



264222



003F5F



5E2C31

# Complementary

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



264222



3E2242

# 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.



5A2D43



264222



31395E

# Square

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



264222



004356



4B3254



593121

# Rectangle

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



264222



004540



4B3254



5E2C37



# Sweetspot

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



264222



4B574A



423E22



252B24



ABABAB



2B2B2B



# Same Dimension

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



264222



2B5724



22422E



1E211E



0C6100



1CE000



# Inverse Universe

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



3E2242



502457



422236



211E21



550061

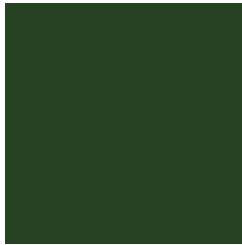


C400E0



# Previews

## White Background



This preview shows how the Hex color 264222 looks on a white background.

## Color Contrast Check

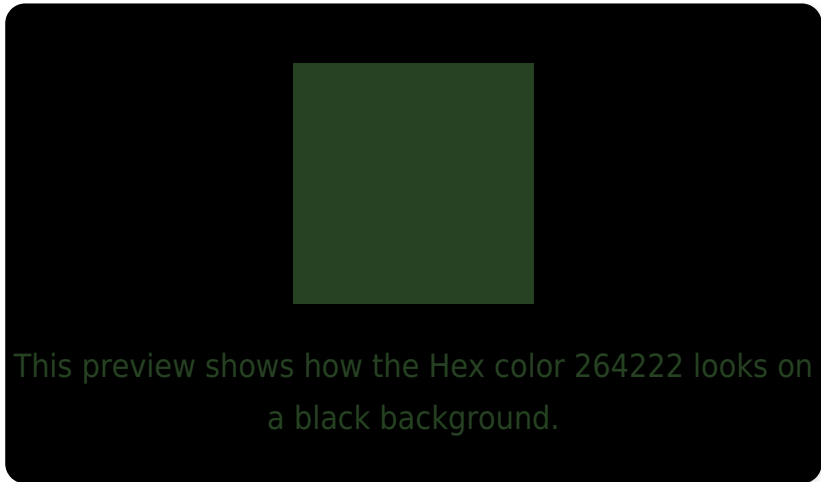
Large Text (above 18pt) WCAG AA ✓ Pass

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

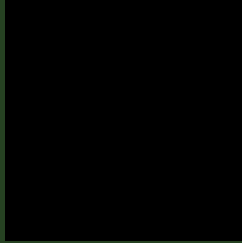
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 264222 Background



This preview shows how black text looks on a background with the Hex color 264222.



This preview shows how white text looks on a background with the Hex color 264222.

# 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](#).

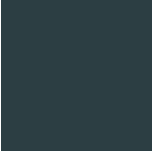
## Dichromacy



**Original Color**  
264222

**Protanopia**  
413B20

**Deuteranopia**  
483924



**Tritanopia**  
2C3E43

# Trichromacy



**Original Color**

264222

**Protanomaly**

373E21

**Deuteranomaly**

3C3C23

**Tritanomaly**

2A3F37

# Monochromacy



**Original Color**

264222

**Achromatopsia**

363636

**Achromatomaly**

303A2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264222 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 #264222 looks like.

```
.text, #text, p{  
    color:#264222  
}
```

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 #264222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264222
}
```

## Border

The CSS property to change the border of an element to Hex 264222 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
#264222 }
```

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

```
.border{ border-color:#264222 }
```

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

Here you see how a box with a 4 pixel #264222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264222; -webkit-box-shadow:4px 4px  
4px 4px #264222; box-shadow:4px 4px 4px  
4px #264222 }
```

# Background

The CSS property to change the background color of an element to Hex 264222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264222 }
```

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

```
.background{ background-color:#264222 }
```

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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