

Converting Colors

Hex(162221)

Have a look what the booklet for
Hex(162221) contains.

Hex(162221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(162221)

Conversions

Conversions Part 1

Format	Color
Hex	162221
RGB	22, 34, 33
RGB Percent	9%, 13%, 13%
CMY	0.9137, 0.8667, 0.8706
CMYK	0.35, 0.00, 0.03, 0.87
HSL	175°, 21%, 11%
HSV	175°, 35%, 13%
XYZ	1.1774, 1.4244, 1.6517
YIQ	30.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

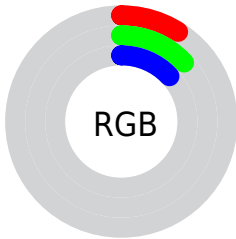
Format	Color
R_{YB}	22, 28, 34
Decimal	1450529
CIE Lab	12.12, -5.51, -1.03
CIE LCh	12, 5.608, 190.563
Yxy	1.4244, 0.2768, 0.3349
Android (android.graphics.Color)	4279640609 (0xFF162221)
YUV	30.2980, 1.3321, -7.2773
Hunter-Lab	11.9350, -3.2767, 0.1491

Details

The Hex color **162221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **221617**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **414E4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132221**, and if you desaturate by 10%, it is **192221**.

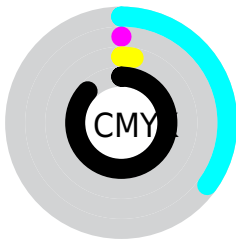
Distribution



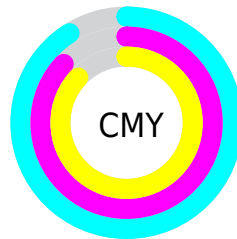
- Red (9%)
- Green (13%)
- Blue (13%)



- Red (9%)
- Yellow (11%)
- Blue (13%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162221 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 162221 by changing the saturation by 10% instead.

■ 162221

■ 162221

■ F8FFFF

■ 000C0A

■ 414E4D

■ 000000

■ 586665

■ 717F7E

■ 8A9998

■ A5B4B2

■ C0CFCE

■ DCECEA

■ 162221

■ 162221

■ 132221

■ 192221

■ 0F2220

■ 1D2222

■ 0C2220

■ 202222

■ 082220

■ 242222

■ 052220

■ 272222

■ 02221F

■ 2A2223

■ 00221F

■ 2E2223

■ 312223

■ 352224

Harmonies

Analogous

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



19221D



162221



162225

Triad

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



162221



221E26



251F19

Complementary

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



162221



221617

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.



271E1B



162221



261D22

Square

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



162221



1D2027



281D1E



212018

Rectangle

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



162221



172126



281D1E



261E19

Sweetspot

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



162221



272B2B



172216



141717



969696



171717

Same Dimension

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



162221



192B2A



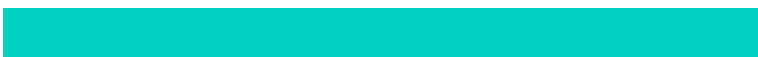
161D22



101212



00524B



00D1C0

Inverse Universe

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



221617



2B191B



221B16



121010



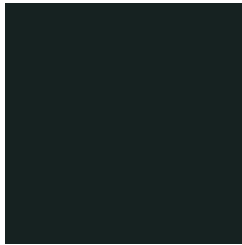
520007



D10011

Previews

White Background



This preview shows how the Hex color 162221 looks on a white background.

Color Contrast Check

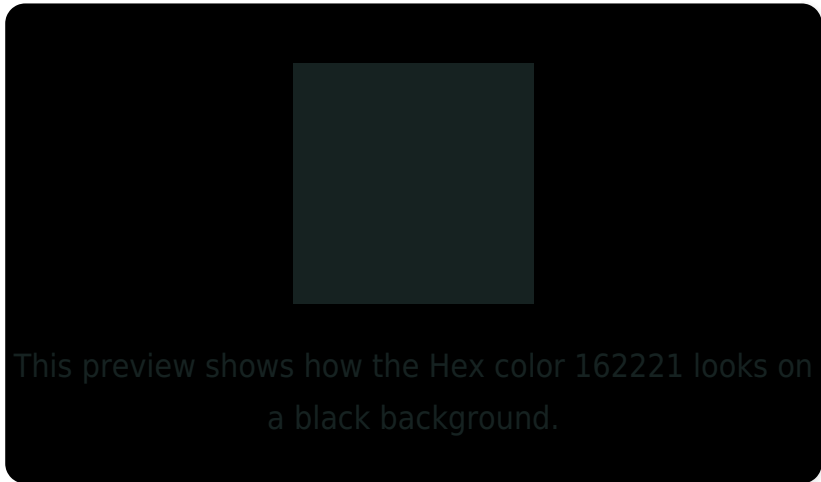
Large Text (above 18pt) WCAG AA ✓ Pass

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

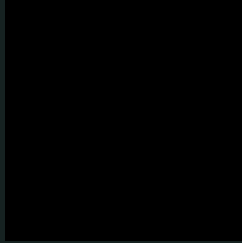
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

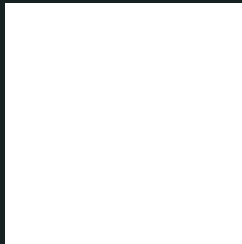
Any Text WCAG AAA × Fail

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

Hex 162221 Background



This preview shows how black text looks on a background with the Hex color 162221.

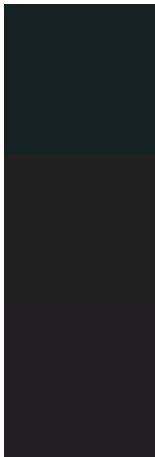


This preview shows how white text looks on a background with the Hex color 162221.

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
162221

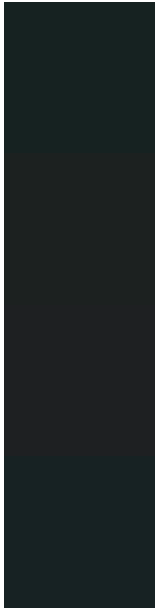
Protanopia
202020

Deuteranopia
221F22



Tritanopia
172224

Trichromacy



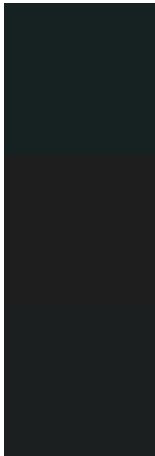
Original Color
162221

Protanomaly
1C2120

Deuteranomaly
1E2022

Tritanomaly
172223

Monochromacy



Original Color
162221

Achromatopsia
1E1E1E

Achromatomaly
1B1F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 162221 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 #162221 looks like.

```
.text, #text, p{  
    color:#162221  
}
```

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 #162221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162221
}
```

Border

The CSS property to change the border of an element to Hex 162221 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
#162221 }
```

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

```
.border{ border-color:#162221 }
```

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

Here you see how a box with a 4 pixel #162221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162221; -webkit-box-shadow:4px 4px  
4px 4px #162221; box-shadow:4px 4px 4px  
4px #162221 }
```

Background

The CSS property to change the background color of an element to Hex 162221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162221 }
```

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

```
.background{ background-color:#162221 }
```

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