

Converting Colors

Hex(222721)

Have a look what the booklet for
Hex(222721) contains.

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Color

Hex(222721)

Conversions

Conversions Part 1

Format	Color
Hex	222721
RGB	34, 39, 33
RGB Percent	13%, 15%, 13%
CMY	0.8667, 0.8471, 0.8706
CMYK	0.13, 0.00, 0.15, 0.85
HSL	110°, 8%, 14%
HSV	110°, 15%, 15%
XYZ	1.6597, 1.9009, 1.7183
YIQ	36.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

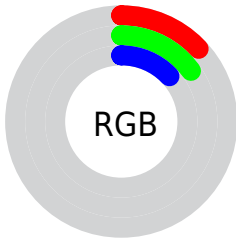
Format	Color
RYB	33, 39, 38
Decimal	2238241
CIELab	14.96, -3.72, 3.21
CIElCh	15, 4.916, 139.226
Yxy	1.9009, 0.3144, 0.3601
Android (android.graphics.Color)	4280428321 (0xFF222721)
YUV	36.8210, -1.8838, -2.4740
Hunter-Lab	13.7874, -2.6402, 2.2621




Details

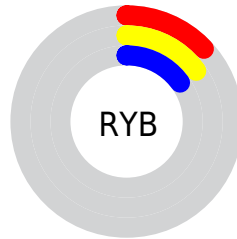
The Hex color **222721** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262127**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **4E544D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F271D**, and if you desaturate by 10%, it is **252725**.

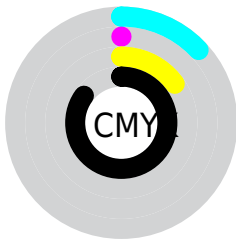
Distribution







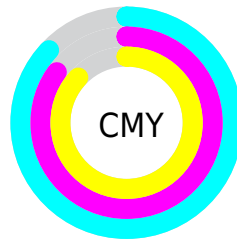
-  Red (13%)
-  Green (15%)
-  Blue (13%)






-  Red (13%)
-  Yellow (15%)
-  Blue (15%)



-  Cyan (13%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (85%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 222721 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 222721 by changing the saturation by 10% instead.

■ 222721

■ 222721

FFFFFF

■ 0C120A

■ 4E544D

■ 000000

■ 666C65

■ 7F857E

■ 999F98

■ B4BAB2

■ CFD6CE

■ ECF2EA

■ 222721

■ 222721

■ 1F271D

■ 252725

■ 1B2719

■ 292729

■ 182715

■ 2C272D

■ 152711

■ 2F2731

■ 12270E

■ 322735

■ 0E270A

■ 362738

■ 0B2706

■ 39273C

■ 082702

■ 3C2740

■ 062700

■ 3F2744

Harmonies

Analogous

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



26261F



222721



1F2824

Triad

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



222721



20262C



2D2323

Complementary

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



222721



262127

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.



2C2327



222721



25252C

Square

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



222721



1D272B



29242A



2C2420

Rectangle

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



222721



1D2827



29242A



2D2325

Sweetspot

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



222721



313330



272621



181A18



999999



1A1A1A

Same Dimension

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



222721



2B332A



212723



131412



0E5400



23D400

Inverse Universe

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



262127



312A33



272125



141214



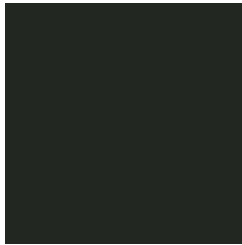
460054



B000D4

Previews

White Background



This preview shows how the Hex color 222721 looks on a white background.

Color Contrast Check

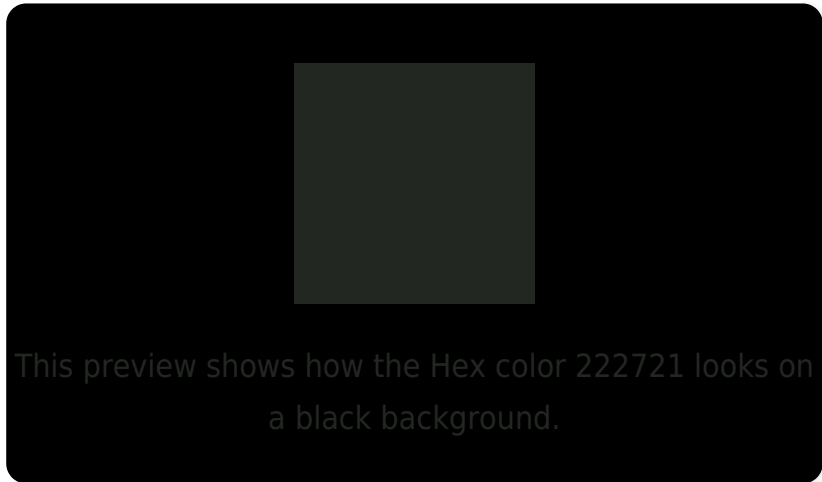
Large Text (above 18pt) WCAG AA ✓ Pass

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

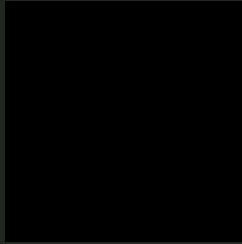
Any Text WCAG AA × Fail

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 222721 Background



This preview shows how black text looks on a background with the Hex color 222721.



This preview shows how white text looks on a background with the Hex color 222721.

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
222721

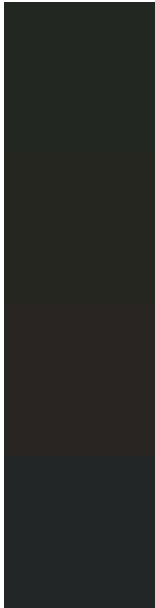
Protanopia
272520

Deuteranopia
2B2422



Tritanopia
232629

Trichromacy



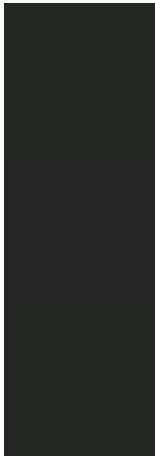
Original Color
222721

Protanomaly
252620

Deuteranomaly
282522

Tritanomaly
232626

Monochromacy



Original Color
222721

Achromatopsia
252525

Achromatomaly
242624

CSS Examples

Text

The CSS property to change the color of the text to Hex 222721 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 #222721 looks like.

```
.text, #text, p{  
    color:#222721  
}
```

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 #222721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222721
}
```

Border

The CSS property to change the border of an element to Hex 222721 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
#222721 }
```

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

```
.border{ border-color:#222721 }
```

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

Here you see how a box with a 4 pixel #222721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222721; -webkit-box-shadow:4px 4px  
4px 4px #222721; box-shadow:4px 4px 4px  
4px #222721 }
```

Background

The CSS property to change the background color of an element to Hex 222721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222721 }
```

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

```
.background{ background-color:#222721 }
```

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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