

Converting Colors

Hex(032270)

Have a look what the booklet for
Hex(032270) contains.

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Color

Hex(032270)

Conversions

Conversions Part 1

Format	Color
Hex	032270
RGB	3, 34, 112
RGB Percent	1%, 13%, 44%
CMY	0.9882, 0.8667, 0.5608
CMYK	0.97, 0.70, 0.00, 0.56
HSL	223°, 95%, 23%
HSV	223°, 97%, 44%
XYZ	3.5342, 2.3333, 15.5933
YIQ	33.6230, -43.5140, 17.6860

Conversions

Conversions Part 2

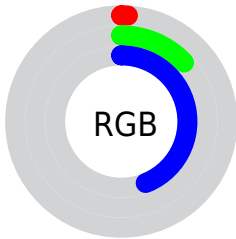
Format	Color
R_{YB}	3, 27, 112
Decimal	205424
CIE _{Lab}	17.15, 24.01, -47.49
CIE _{LCh}	17, 53.213, 296.822
Yxy	2.3333, 0.1647, 0.1087
Android (android.graphics.Color)	4278395504 (0xFF032270)
YUV	33.6230, 38.6399, -26.8564
Hunter-Lab	15.2750, 14.5685, -49.8329

Details

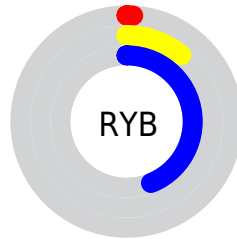
The Hex color **032270** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **705103**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4A4EA5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **002070**, and if you desaturate by 10%, it is **0E2A70**.

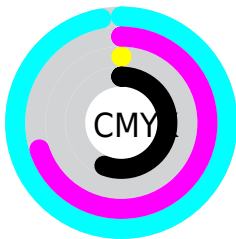
Distribution



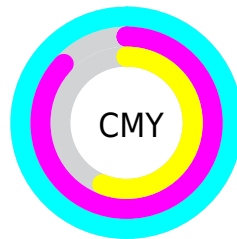
- Red (1%)
- Green (13%)
- Blue (44%)



- Red (1%)
- Yellow (11%)
- Blue (44%)



- Cyan (97%)
- Magenta (70%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 032270 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 032270 by changing the saturation by 10% instead.

■ 032270

■ 032270

FFFFFF

■ 000F57

■ 4A4EA5

■ 00003F

■ 6666C0

■ 000328

■ 827FDC

■ 000112

■ 9E99F9

■ 000000

■ BAB4FF

■ D7CFFF

■ F4EBFF

■ 032270

■ 032270

■ 002070

■ 0E2A70

■ 193270

■ 253A70

■ 304270

■ 3B4A70

■ 465270

■ 515A70

■ 5D6270

■ 686A70

Harmonies

Analogous

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



003178



032270



510055

Triad

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



032270



541300



003825

Complementary

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



032270



705103

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.



003600



032270



392800

Square

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



032270



660007



113200



00394C

Rectangle

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



032270



62003D



113200



003817

Sweetspot

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



032270



677391



03704F



30374A



C9C9C9



4A4A4A

Same Dimension

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



032270



002991



190370



323438



002278



0046F7

Inverse Universe

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



700322



910029



5A7003



383234



780022



F70046

Previews

White Background



This preview shows how the Hex color 032270 looks on a white background.

Color Contrast Check

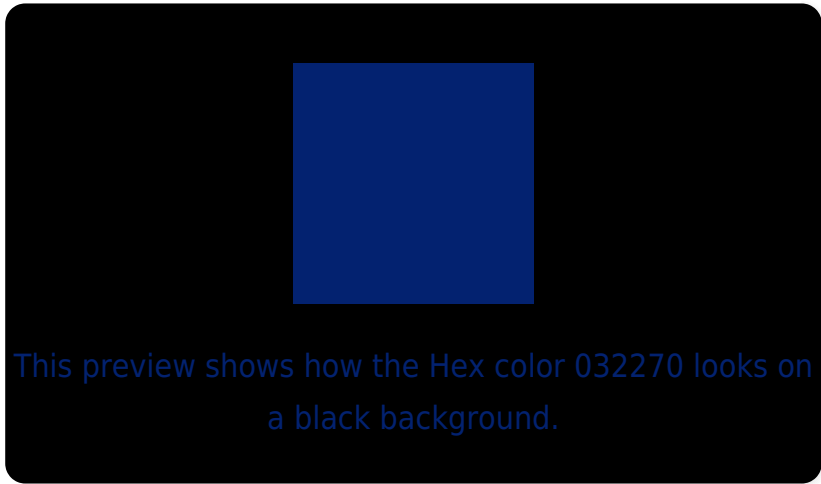
Large Text (above 18pt) WCAG AA ✓ Pass

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

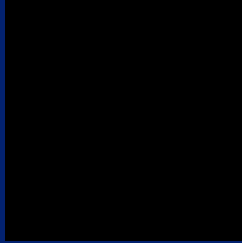
Any Text WCAG AA × Fail

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 032270 Background



This preview shows how black text looks on a background with the Hex color 032270.

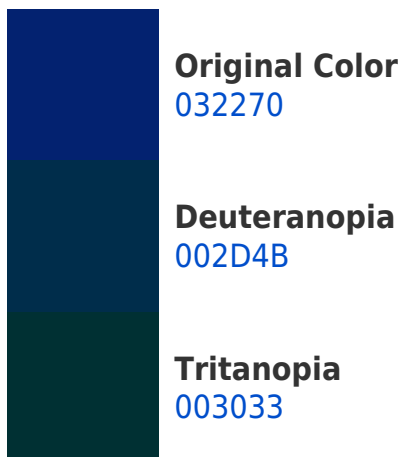


This preview shows how white text looks on a background with the Hex color 032270.

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



Trichromacy



Original Color
032270

Deuteranomaly
012958

Tritanomaly
012B49

Monochromacy



Original Color
032270

Achromatopsia
222222

Achromatomaly
17223E

CSS Examples

Text

The CSS property to change the color of the text to Hex 032270 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 #032270 looks like.

```
.text, #text, p{  
    color:#032270  
}
```

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 #032270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032270
}
```

Border

The CSS property to change the border of an element to Hex 032270 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
#032270 }
```

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

```
.border{ border-color:#032270 }
```

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

Here you see how a box with a 4 pixel #032270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032270; -webkit-box-shadow:4px 4px  
4px 4px #032270; box-shadow:4px 4px 4px  
4px #032270 }
```

Background

The CSS property to change the background color of an element to Hex 032270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032270 }
```

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

```
.background{ background-color:#032270 }
```

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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