

Converting Colors

Hex(044130)

Have a look what the booklet for
Hex(044130) contains.

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Color

Hex(044130)

Conversions

Conversions Part 1

Format	Color
Hex	044130
RGB	4, 65, 48
RGB Percent	2%, 25%, 19%
CMY	0.9843, 0.7451, 0.8118
CMYK	0.94, 0.00, 0.26, 0.75
HSL	163°, 88%, 14%
HSV	163°, 94%, 25%
XYZ	2.4739, 4.0198, 3.4418
YIQ	44.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

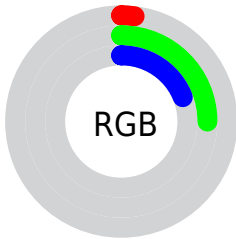
Format	Color
R_{YB}	4, 39, 65
Decimal	278832
CIE Lab	23.74, -23.10, 5.27
CIE LCh	24, 23.696, 167.139
Yxy	4.0198, 0.2490, 0.4046
Android (android.graphics.Color)	4278468912 (0xFF044130)
YUV	44.8230, 1.5663, -35.8018
Hunter-Lab	20.0495, -13.0617, 3.8565

Details

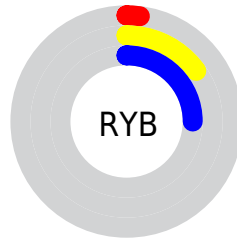
The Hex color **044130** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **410415**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3B715E**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **00412F**, and if you desaturate by 10%, it is **0B4132**.

Distribution



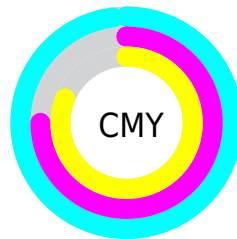
- Red (2%)
- Green (25%)
- Blue (19%)



- Red (2%)
- Yellow (15%)
- Blue (25%)



- Cyan (94%)
- Magenta (0%)
- Yellow (26%)
- Black (75%)



- Cyan (98%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044130 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 044130 by changing the saturation by 10% instead.

 044130

 044130

 F8FFFF

 002A1B

 3B715E

 001600

 548B77

 000000

 6EA690

 88C1AB

 A3DDC6

 BFFAE2

 DBFFFF

 044130

 044130

■ 00412F

■ 0B4132

■ 114134

■ 184135

■ 1E4137

■ 254139

■ 2B413B

■ 32413D

■ 38413E

■ 3F4140

Harmonies

Analogous

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



253F1F



044130



004142

Triad

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



044130



2D375A



552E1F

Complementary

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



044130



410415

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.



5A2A2F



044130



473051

Square

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



044130



003D5B



552A41



493515

Rectangle

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



044130



00414D



552A41



582C24

Sweetspot

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



044130



3D544E



154104



1D2B27



ABABAB



2B2B2B

Same Dimension

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



044130



00543D



043441



1E2120



006146



00E0A2

Inverse Universe

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



410415



540017



411104



211E1F



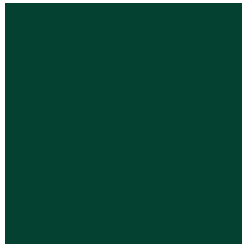
61001B



E0003F

Previews

White Background



This preview shows how the Hex color 044130 looks on a white background.

Color Contrast Check

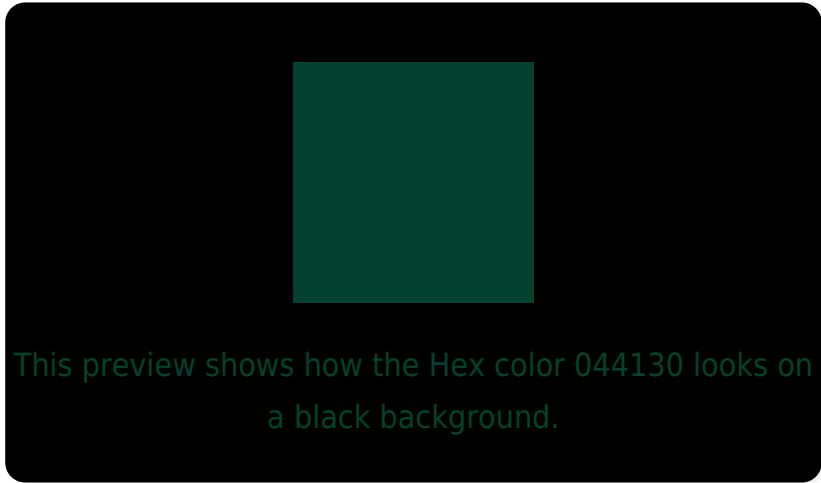
Large Text (above 18pt) WCAG AA ✓ Pass

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

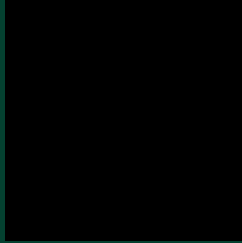
Any Text WCAG AA × Fail

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 044130 Background



This preview shows how black text looks on a background with the Hex color 044130.



This preview shows how white text looks on a background with the Hex color 044130.

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](#).

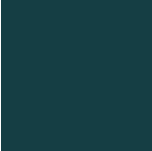
Dichromacy



Original Color
044130

Protanopia
3D392C

Deuteranopia
413732



Tritanopia
153E44

Trichromacy



Original Color
044130

Protanomaly
283C2D

Deuteranomaly
2B3B31

Tritanomaly
0F3F3D

Monochromacy



Original Color
044130

Achromatopsia
2D2D2D

Achromatomaly
1E342E

CSS Examples

Text

The CSS property to change the color of the text to Hex 044130 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 #044130 looks like.

```
.text, #text, p{  
    color:#044130  
}
```

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 #044130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044130
}
```

Border

The CSS property to change the border of an element to Hex 044130 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
#044130 }
```

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

```
.border{ border-color:#044130 }
```

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

Here you see how a box with a 4 pixel #044130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044130; -webkit-box-shadow:4px 4px  
4px 4px #044130; box-shadow:4px 4px 4px  
4px #044130 }
```

Background

The CSS property to change the background color of an element to Hex 044130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044130 }
```

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

```
.background{ background-color:#044130 }
```

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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