

# Converting Colors

Hex(182435)

Have a look what the booklet for  
Hex(182435) contains.

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# Color

**Hex(182435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	182435
RGB	24, 36, 53
RGB Percent	9%, 14%, 21%
CMY	0.9059, 0.8588, 0.7922
CMYK	0.55, 0.32, 0.00, 0.79
HSL	215°, 38%, 15%
HSV	215°, 55%, 21%
XYZ	1.6502, 1.7130, 3.6118
YIQ	34.3500, -12.6090, 2.7430

# Conversions

## Conversions Part 2

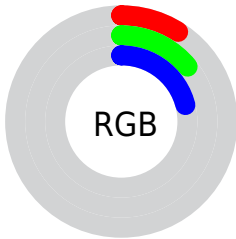
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 32, 53
Decimal	1582133
CIE <sub>Lab</sub>	13.90, 0.58, -12.71
CIE <sub>LCh</sub>	14, 12.719, 272.608
Yxy	1.7130, 0.2366, 0.2456
Android (android.graphics.Color)	4279772213 (0xFF182435)
YUV	34.3500, 9.1944, -9.0770
Hunter-Lab	13.0881, -0.3986, -7.2001

# Details

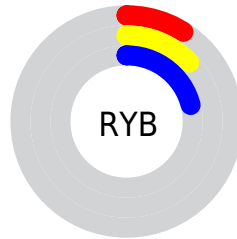
The Hex color **182435** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352918**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **455064**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **132135**, and if you desaturate by 10%, it is **1D2735**.

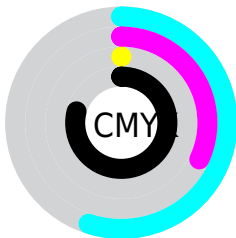
# Distribution



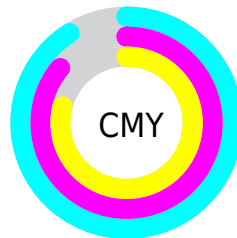
- Red (9%)
- Green (14%)
- Blue (21%)



- Red (9%)
- Yellow (13%)
- Blue (21%)



- Cyan (55%)
- Magenta (32%)
- Yellow (0%)
- Black (79%)



- Cyan (91%)
- Magenta (86%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 182435 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 182435 by changing the saturation by 10% instead.



■ 182435

■ 182435

FFFFFF

■ 000E20

■ 455064

■ 000005

■ 5D687D

■ 000000

■ 768196

■ 909BB1

■ AAB6CD

■ C6D2E9

■ E2EEFF

■ 182435

■ 182435

■ 132135

■ 1D2735

■ 0D1E35

■ 232A35

■ 081B35

■ 282D35

■ 031835

■ 2D3035

■ 001635

■ 333435

■ 383735

■ 3D3A35

■ 423D35

■ 484035

# Harmonies

## Analogous

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



092633



182435



252132

# Triad

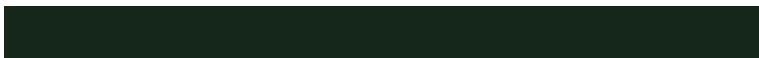
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



182435



341D1A



15271B

# Complementary

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



182435



352918

# 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.



1F2614



182435



302014

# Square

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



182435



341D23



292311



092824

# Rectangle

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



182435



2C1F2E



292311



182718



# Sweetspot

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



182435



3A3E45



183529



1D2024



A3A3A3



242424



# Same Dimension

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



182435



172A45



1A1835



17181A



002559



005AD9



# Inverse Universe

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



351824



45172A



333518



1A1718



590025

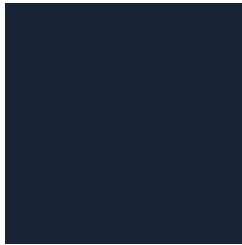


D9005A



# Previews

## White Background



This preview shows how the Hex color 182435 looks on a white background.

## Color Contrast Check

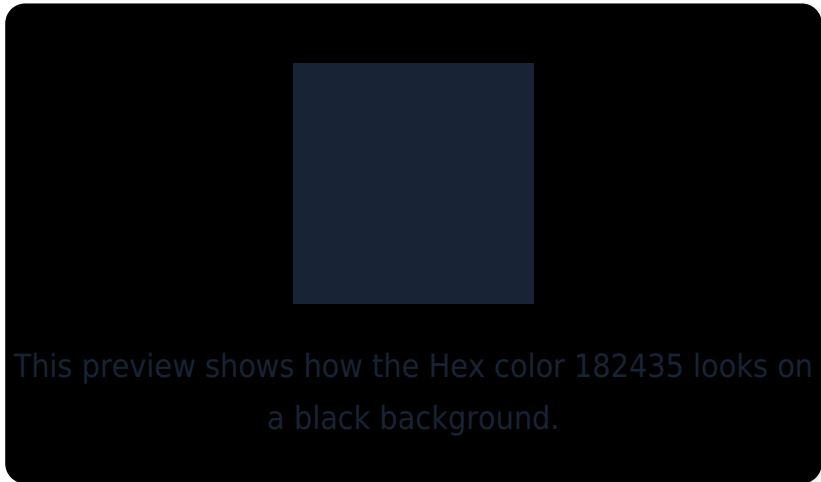
Large Text (above 18pt) WCAG AA ✓ Pass

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

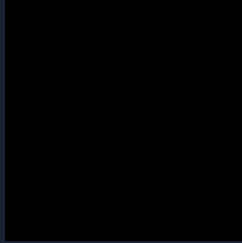
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

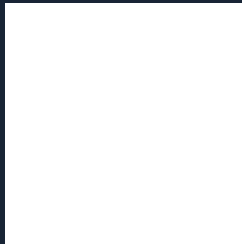
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 182435 Background



This preview shows how black text looks on a background with the Hex color 182435.



This preview shows how white text looks on a background with the Hex color 182435.

# 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**  
182435

**Protanopia**  
1E2334

**Deuteranopia**  
1B2335



**Tritanopia**  
142629

# Trichromacy



**Original Color**  
182435

**Protanomaly**  
1C2334

**Deuteranomaly**  
1A2335

**Tritanomaly**  
15252D

# Monochromacy



**Original Color**  
182435

**Achromatopsia**  
222222

**Achromatomaly**  
1E2329

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 182435 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 #182435 looks like.

```
.text, #text, p{  
    color:#182435  
}
```

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 #182435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182435
}
```

## Border

The CSS property to change the border of an element to Hex 182435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

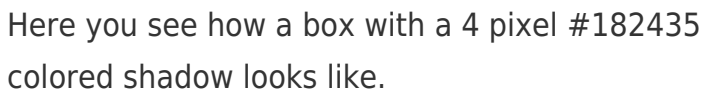
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#182435 }
```

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

```
.border{ border-color:#182435 }
```

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



Here you see how a box with a 4 pixel #182435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182435; -webkit-box-shadow:4px 4px  
4px 4px #182435; box-shadow:4px 4px 4px  
4px #182435 }
```

# Background

The CSS property to change the background color of an element to Hex 182435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182435 }
```

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

```
.background{ background-color:#182435 }
```

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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