

Converting Colors

Hex(182A51)

Have a look what the booklet for
Hex(182A51) contains.

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Color

Hex(182A51)

Conversions

Conversions Part 1

Format	Color
Hex	182A51
RGB	24, 42, 81
RGB Percent	9%, 16%, 32%
CMY	0.9059, 0.8353, 0.6824
CMYK	0.70, 0.48, 0.00, 0.68
HSL	221°, 54%, 21%
HSV	221°, 70%, 32%
XYZ	2.6899, 2.4442, 8.1146
YIQ	41.0640, -23.2470, 8.3130

Conversions

Conversions Part 2

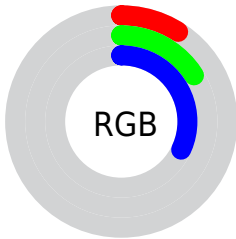
Format	Color
R_{YB}	24, 38, 81
Decimal	1583697
CIE _{Lab}	17.66, 7.27, -26.12
CIE _{LCh}	18, 27.115, 285.542
Yxy	2.4442, 0.2030, 0.1845
Android (android.graphics.Color)	4279773777 (0xFF182A51)
YUV	41.0640, 19.6884, -14.9651
Hunter-Lab	15.6339, 3.3520, -19.8299

Details

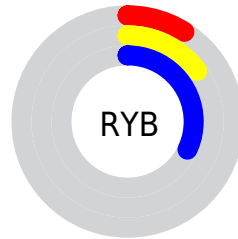
The Hex color **182A51** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **513F18**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4A5783**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **102451**, and if you desaturate by 10%, it is **203051**.

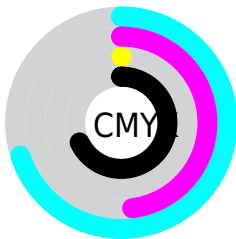
Distribution



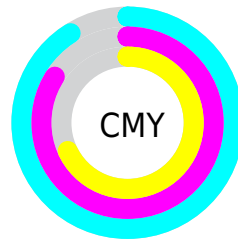
- Red (9%)
- Green (16%)
- Blue (32%)



- Red (9%)
- Yellow (15%)
- Blue (32%)



- Cyan (70%)
- Magenta (48%)
- Yellow (0%)
- Black (68%)



- Cyan (91%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 182A51 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 182A51 by changing the saturation by 10% instead.

■ 182A51

■ 182A51

FFFFFF

■ 00163A

■ 4A5783

■ 000224

■ 646F9D

■ 00000C

■ 7D89B8

■ 000000

■ 98A3D4

■ B3BEF0

■ CFD9FF

■ ECF6FF

■ 182A51

■ 182A51

■ 102451

■ 203051

■ 081F51

■ 283551

■ 001A51

■ 303B51

■ 384051

■ 414651

■ 494B51

■ 515151

■ 595651

■ 615C51

Harmonies

Analogous

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



003051



182A51



392247

Triad

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



182A51



491F10



003421

Complementary

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



182A51



513F18

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.



15320E



182A51



3D2700

Square

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



182A51



4F1922



2C2D00



003535

Rectangle

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



182A51



461C3C



2C2D00



00331A

Sweetspot

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



182A51



535A69



18513F



282C36



B5B5B5



363636

Same Dimension

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



182A51



112C69



221851



252629



002169



0049E8

Inverse Universe

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



51182A



69112C



475118



292526



690021



E80049

Previews

White Background



This preview shows how the Hex color 182A51 looks on a white background.

Color Contrast Check

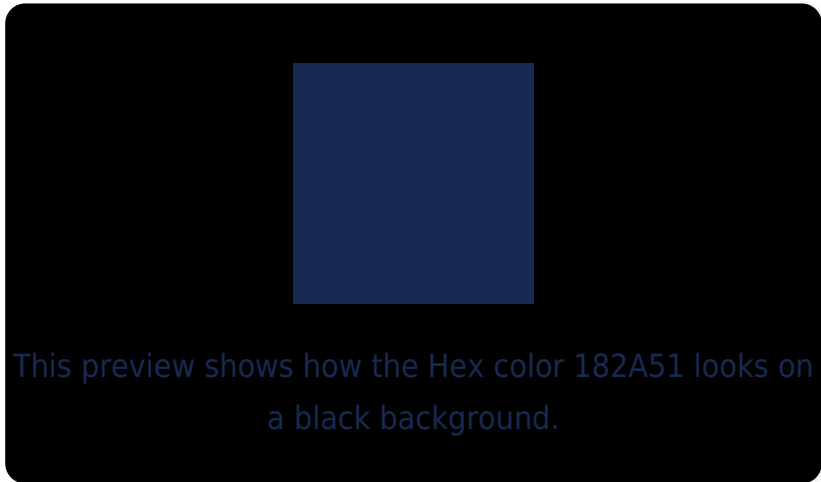
Large Text (above 18pt) WCAG AA ✓ Pass

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 182A51 Background



This preview shows how black text looks on a background with the Hex color 182A51.



This preview shows how white text looks on a background with the Hex color 182A51.

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
182A51

Protanopia
172A51

Deuteranopia
002C4E



Tritanopia
003034

Trichromacy



Original Color
182A51

Protanomaly
172A51

Deuteranomaly
092B4F

Tritanomaly
092E3F

Monochromacy



Original Color
182A51

Achromatopsia
292929

Achromatomaly
232938

CSS Examples

Text

The CSS property to change the color of the text to Hex 182A51 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 #182A51 looks like.

```
.text, #text, p{  
    color:#182A51  
}
```

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 #182A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182A51
}
```

Border

The CSS property to change the border of an element to Hex 182A51 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
#182A51 }
```

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

```
.border{ border-color:#182A51 }
```

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

Here you see how a box with a 4 pixel #182A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182A51; -webkit-box-shadow:4px 4px  
4px 4px #182A51; box-shadow:4px 4px 4px  
4px #182A51 }
```

Background

The CSS property to change the background color of an element to Hex 182A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182A51 }
```

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

```
.background{ background-color:#182A51 }
```

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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