

Converting Colors

Hex(164150)

Have a look what the booklet for
Hex(164150) contains.

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Color

Hex(164150)

Conversions

Conversions Part 1

Format	Color
Hex	164150
RGB	22, 65, 80
RGB Percent	9%, 25%, 31%
CMY	0.9137, 0.7451, 0.6863
CMYK	0.72, 0.19, 0.00, 0.69
HSL	196°, 57%, 20%
HSV	196°, 72%, 31%
XYZ	3.6691, 4.5304, 8.2705
YIQ	53.8530, -30.4430, -4.4510

Conversions

Conversions Part 2

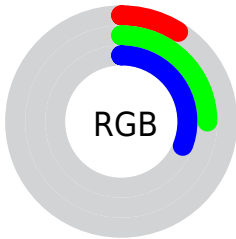
Format	Color
R_{YB}	22, 47, 80
Decimal	1458512
CIE Lab	25.35, -9.26, -13.40
CIE LCh	25, 16.291, 235.361
Yxy	4.5304, 0.2228, 0.2751
Android (android.graphics.Color)	4279648592 (0xFF164150)
YUV	53.8530, 12.8905, -27.9351
Hunter-Lab	21.2846, -6.4775, -8.1388

Details

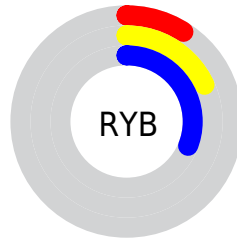
The Hex color **164150** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **502516**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **497181**, and **001723** is the 20% darker color. If you saturate the color by 10%, you get **0E3F50**, and if you desaturate by 10%, it is **1E4350**.

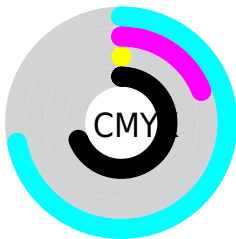
Distribution



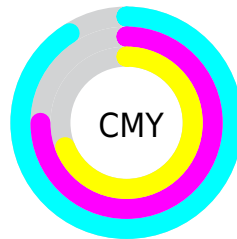
- Red (9%)
- Green (25%)
- Blue (31%)



- Red (9%)
- Yellow (18%)
- Blue (31%)



- Cyan (72%)
- Magenta (19%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164150 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 164150 by changing the saturation by 10% instead.

■ 164150

■ 164150

FFFFFF

■ 002B39

■ 497181

■ 001723

■ 638A9B

■ 00010D

■ 7DA5B6

■ 000000

■ 97C0D2

■ B3DCEE

■ CFF8FF

■ EBFFFF

■ 164150

■ 164150

■ 0E3F50

■ 1E4350

■ 063D50

■ 264550

■ 003B50

■ 2E4750

■ 364950

■ 3E4B50

■ 464D50

■ 4E4F50

■ 565250

■ 5E5450

Harmonies

Analogous

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



114346



164150



283E54

Triad

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



164150



53333F



3A3F26

Complementary

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



164150



502516

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.



463B24



164150



543332

Square

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



164150



4A354A



503628



2B412E

Rectangle

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



164150



353B54



503628



3E3D24

Sweetspot

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



164150



526369



165025



283236



B5B5B5



363636

Same Dimension

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



164150



0E5169



162550



252829



004E69



00ACE8

Inverse Universe

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



501641



690E51



504216



292528



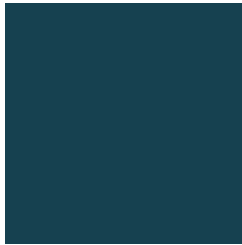
69004E



E800AC

Previews

White Background



This preview shows how the Hex color 164150 looks on a white background.

Color Contrast Check

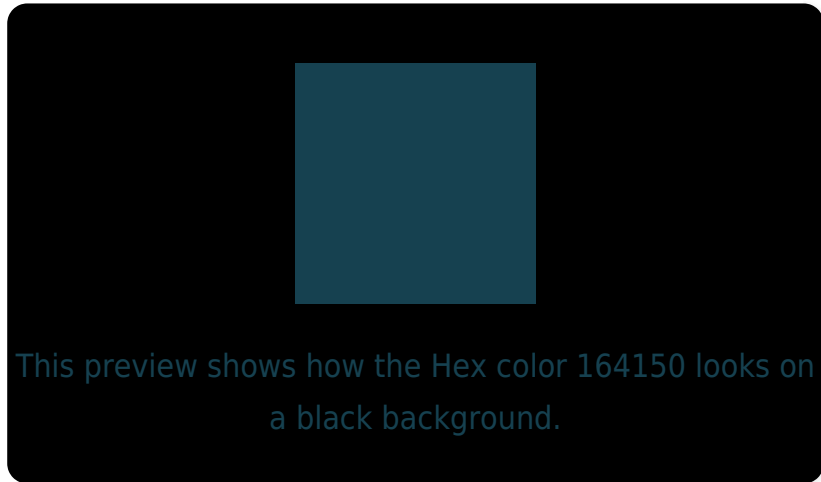
Large Text (above 18pt) WCAG AA ✓ Pass

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

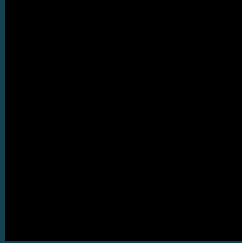
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

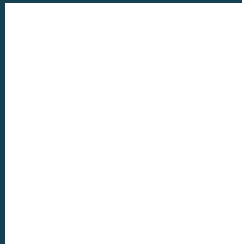
Any Text WCAG AAA × Fail

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

Hex 164150 Background



This preview shows how black text looks on a background with the Hex color 164150.



This preview shows how white text looks on a background with the Hex color 164150.

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](#).

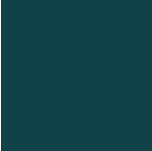
Dichromacy



Original Color
164150

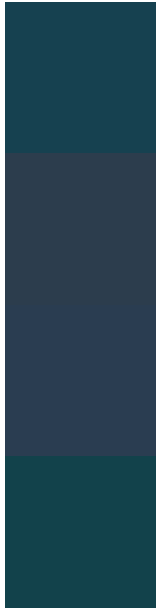
Protanopia
383B4C

Deuteranopia
363B51



Tritanopia
104248

Trichromacy



Original Color
164150

Protanomaly
2C3D4D

Deuteranomaly
2A3D51

Tritanomaly
12424B

Monochromacy



Original Color
164150

Achromatopsia
363636

Achromatomaly
2A3A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 164150 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 #164150 looks like.

```
.text, #text, p{  
    color:#164150  
}
```

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 #164150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164150
}
```

Border

The CSS property to change the border of an element to Hex 164150 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
#164150 }
```

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

```
.border{ border-color:#164150 }
```

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

Here you see how a box with a 4 pixel #164150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164150; -webkit-box-shadow:4px 4px  
4px 4px #164150; box-shadow:4px 4px 4px  
4px #164150 }
```

Background

The CSS property to change the background color of an element to Hex 164150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164150 }
```

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

```
.background{ background-color:#164150 }
```

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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