

Converting Colors

Hex(204C40)

Have a look what the booklet for
Hex(204C40) contains.

Hex(204C40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(204C40)

Conversions

Conversions Part 1

Format	Color
Hex	204C40
RGB	32, 76, 64
RGB Percent	13%, 30%, 25%
CMY	0.8745, 0.7020, 0.7490
CMYK	0.58, 0.00, 0.16, 0.70
HSL	164°, 41%, 21%
HSV	164°, 58%, 30%
XYZ	4.1055, 5.8461, 5.7625
YIQ	61.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

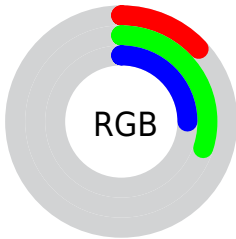
Format	Color
R_{YB}	32, 57, 76
Decimal	2116672
CIE _{Lab}	29.02, -18.62, 2.53
CIE _{LCh}	29, 18.793, 172.256
Yxy	5.8461, 0.2613, 0.3720
Android (android.graphics.Color)	4280306752 (0xFF204C40)
YUV	61.4760, 1.2443, -25.8505
Hunter-Lab	24.1788, -12.0038, 2.7946




Details

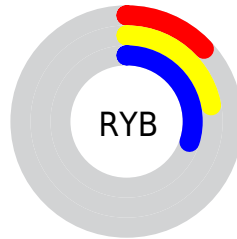
The Hex color **204C40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C202C**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **517D70**, and **002016** is the 20% darker color. If you saturate the color by 10%, you get **184C3E**, and if you desaturate by 10%, it is **284C42**.

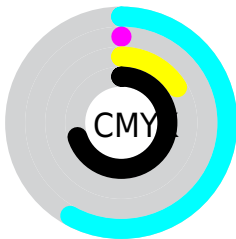
Distribution







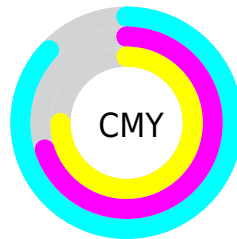
-  Red (13%)
-  Green (30%)
-  Blue (25%)






-  Red (13%)
-  Yellow (22%)
-  Blue (30%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (70%)



-  Cyan (87%)
-  Magenta (70%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204C40 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 204C40 by changing the saturation by 10% instead.

 204C40

 204C40

FFFFFF

 05352A

 517D70

 002016

 6A9789

 000000

 84B2A3

 9ECEBE

 BAEADA

 D6FFF7

 F2FFFF

 204C40

 204C40

■ 184C3E

■ 284C42

■ 114C3C

■ 2F4C44

■ 094C3A

■ 374C46

■ 024C38

■ 3E4C48

■ 004C37

■ 464C4A

■ 4E4C4C

■ 554C4F

■ 5D4C51

■ 644C53

Harmonies

Analogous

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



324A32



204C40



0F4C4F

Triad

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



204C40



41425F



5C3D2E

Complementary

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



204C40



4C202C

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.



613A3A



204C40



533D56

Square

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



204C40



2A4761



5E3A49



524228

Rectangle

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



204C40



0E4B57



5E3A49



5E3C32

Sweetspot

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



204C40



53635F



2C4C20



293330



B3B3B3



333333

Same Dimension

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



204C40



1F6351



20424C



222625



00664A



00E6A7

Inverse Universe

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



4C202C



631F32



4C2A20



262223



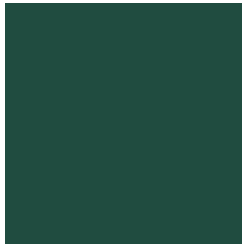
66001C



E6003F

Previews

White Background



This preview shows how the Hex color 204C40 looks on a white background.

Color Contrast Check

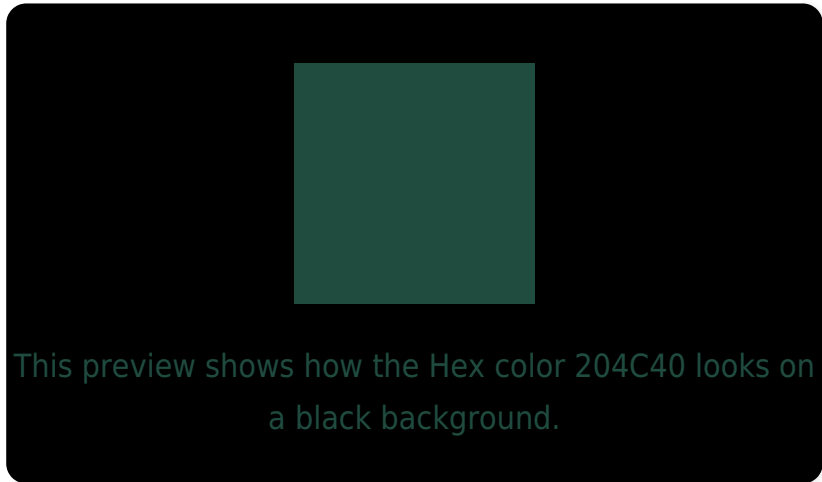
Large Text (above 18pt) WCAG AA ✓ Pass

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

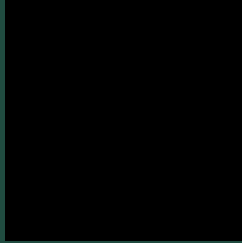
Any Text WCAG AA × Fail

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 204C40 Background



This preview shows how black text looks on a background with the Hex color 204C40.



This preview shows how white text looks on a background with the Hex color 204C40.

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](#).

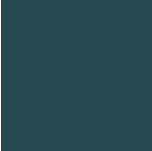
Dichromacy



Original Color
204C40

Protanopia
47443C

Deuteranopia
4C4242



Tritanopia
264A50

Trichromacy



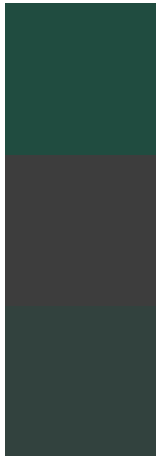
Original Color
204C40

Protanomaly
39473D

Deuteranomaly
3C4641

Tritanomaly
244B4A

Monochromacy



Original Color
204C40

Achromatopsia
3D3D3D

Achromatomaly
32423E

CSS Examples

Text

The CSS property to change the color of the text to Hex 204C40 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 #204C40 looks like.

```
.text, #text, p{  
    color:#204C40  
}
```

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 #204C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204C40
}
```

Border

The CSS property to change the border of an element to Hex 204C40 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
#204C40 }
```

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

```
.border{ border-color:#204C40 }
```

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

Here you see how a box with a 4 pixel #204C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204C40; -webkit-box-shadow:4px 4px  
4px 4px #204C40; box-shadow:4px 4px 4px  
4px #204C40 }
```

Background

The CSS property to change the background color of an element to Hex 204C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204C40 }
```

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

```
.background{ background-color:#204C40 }
```

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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