

Converting Colors

Hex(204E40)

Have a look what the booklet for
Hex(204E40) contains.

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Color

Hex(204E40)

Conversions

Conversions Part 1

Format	Color
Hex	204E40
RGB	32, 78, 64
RGB Percent	13%, 31%, 25%
CMY	0.8745, 0.6941, 0.7490
CMYK	0.59, 0.00, 0.18, 0.69
HSL	162°, 42%, 22%
HSV	162°, 59%, 31%
XYZ	4.2455, 6.1260, 5.8092
YIQ	62.6500, -22.9220, -14.1060

Conversions

Conversions Part 2

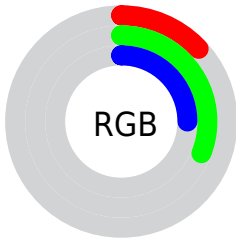
Format	Color
R_{YB}	32, 59, 78
Decimal	2117184
CIE _{Lab}	29.73, -19.70, 3.55
CIE _{LCh}	30, 20.017, 169.785
Yxy	6.1260, 0.2624, 0.3786
Android (android.graphics.Color)	4280307264 (0xFF204E40)
YUV	62.6500, 0.6656, -26.8800
Hunter-Lab	24.7508, -12.6961, 3.4098

Details

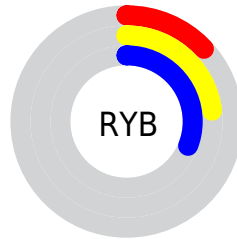
The Hex color **204E40** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E202E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **517F70**, and **002116** is the 20% darker color. If you saturate the color by 10%, you get **184E3E**, and if you desaturate by 10%, it is **284E42**.

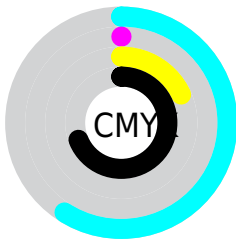
Distribution



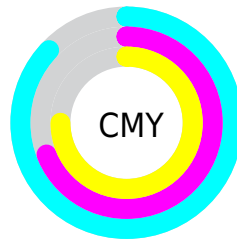
- Red (13%)
- Green (31%)
- Blue (25%)



- Red (13%)
- Yellow (23%)
- Blue (31%)



- Cyan (59%)
- Magenta (0%)
- Yellow (18%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204E40 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 204E40 by changing the saturation by 10% instead.

■ 204E40

■ 204E40

FFFFFF

■ 05372A

■ 517F70

■ 002116

■ 6A9A89

■ 000000

■ 84B4A3

■ 9FD0BE

■ BAECDA

■ D6FFF7

■ F3FFFF

■ 204E40

■ 204E40

■ 184E3E

■ 284E42

■ 104E3B

■ 304E45

■ 094E39

■ 374E47

■ 014E37

■ 3F4E49

■ 004E36

■ 474E4C

■ 4F4E4E

■ 574E51

■ 5E4E53

■ 664E55

Harmonies

Analogous

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



344C31



204E40



094E50

Triad

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



204E40



404463



603E2F

Complementary

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



204E40



4E202E

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.



643A3C



204E40



543E5A

Square

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



204E40



264964



613A4C



554327

Rectangle

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



204E40



054D59



613A4C



623C33

Sweetspot

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



204E40



546660



2F4E20



283330



B3B3B3



333333

Same Dimension

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



204E40



1E6650



20464E



222625



006647



00E6A0

Inverse Universe

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



4E202E



661E34



4E2820



262224



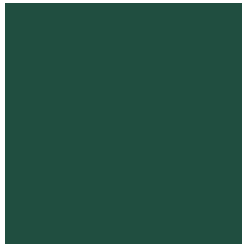
66001F



E60046

Previews

White Background



This preview shows how the Hex color 204E40 looks on a white background.

Color Contrast Check

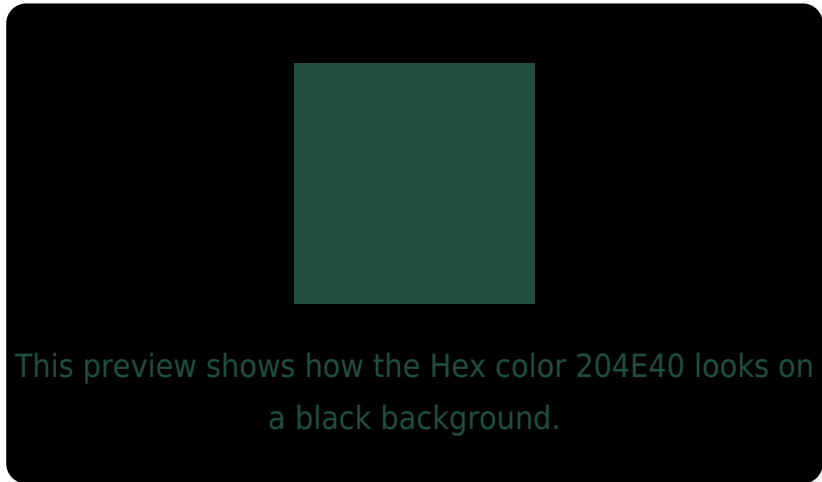
Large Text (above 18pt) WCAG AA ✓ Pass

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 204E40 Background



This preview shows how black text looks on a background with the Hex color 204E40.



This preview shows how white text looks on a background with the Hex color 204E40.

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
204E40

Protanopia
49463C

Deuteranopia
4E4342

Trichromacy



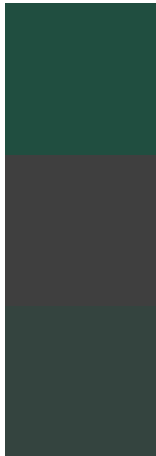
Original Color
204E40

Protanomaly
3A493D

Deuteranomaly
3D4741

Tritanomaly
244D4B

Monochromacy



Original Color
204E40

Achromatopsia
3F3F3F

Achromatomaly
34443F

CSS Examples

Text

The CSS property to change the color of the text to Hex 204E40 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 #204E40 looks like.

```
.text, #text, p{  
    color:#204E40  
}
```

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 #204E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204E40
}
```

Border

The CSS property to change the border of an element to Hex 204E40 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
#204E40 }
```

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

```
.border{ border-color:#204E40 }
```

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

Here you see how a box with a 4 pixel #204E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204E40; -webkit-box-shadow:4px 4px  
4px 4px #204E40; box-shadow:4px 4px 4px  
4px #204E40 }
```

Background

The CSS property to change the background color of an element to Hex 204E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204E40 }
```

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

```
.background{ background-color:#204E40 }
```

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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