

Converting Colors

Hex(204C5B)

Have a look what the booklet for
Hex(204C5B) contains.

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Color

Hex(204C5B)

Conversions

Conversions Part 1

Format	Color
Hex	204C5B
RGB	32, 76, 91
RGB Percent	13%, 30%, 36%
CMY	0.8745, 0.7020, 0.6431
CMYK	0.65, 0.16, 0.00, 0.64
HSL	195°, 48%, 24%
HSV	195°, 65%, 36%
XYZ	5.0684, 6.2313, 10.8332
YIQ	64.5540, -31.0390, -4.6630

Conversions

Conversions Part 2

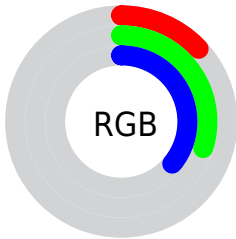
Format	Color
RYB	32, 57, 91
Decimal	2116699
CIELab	29.99, -10.03, -13.38
CIELCh	30, 16.725, 233.155
Yxy	6.2313, 0.2290, 0.2815
Android (android.graphics.Color)	4280306779 (0xFF204C5B)
YUV	64.5540, 13.0379, -28.5499
Hunter-Lab	24.9626, -7.4416, -8.2567

Details

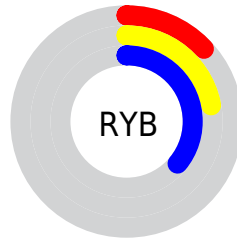
The Hex color **204C5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B2F20**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **537D8D**, and **00202D** is the 20% darker color. If you saturate the color by 10%, you get **174A5B**, and if you desaturate by 10%, it is **294E5B**.

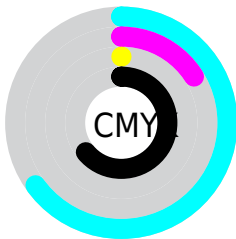
Distribution



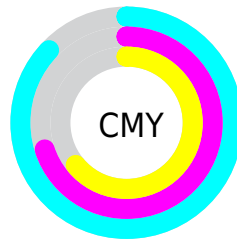
- Red (13%)
- Green (30%)
- Blue (36%)



- Red (13%)
- Yellow (22%)
- Blue (36%)



- Cyan (65%)
- Magenta (16%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (70%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204C5B 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 204C5B by changing the saturation by 10% instead.

■ 204C5B

■ 204C5B

FFFFFF

■ 013543

■ 537D8D

■ 00202D

■ 6D97A8

■ 000119

■ 87B2C3

■ 000000

■ A2CDDF

■ BEE9FB

■ DAFFFF

■ F7FFFF

■ 204C5B

■ 204C5B

■ 174A5B

■ 294E5B

■ 0E475B

■ 32515B

■ 05455B

■ 3B535B

■ 00445B

■ 44555B

■ 4E585B

■ 575A5B

■ 605C5B

■ 695F5B

■ 72615B

Harmonies

Analogous

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



1C4E50



204C5B



314960

Triad

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



204C5B



5E3D4A



45492E

Complementary

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



204C5B



5B2F20

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.



52452D



204C5B



613D3D

Square

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



204C5B



544056



5C4032



364C37

Rectangle

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



204C5B



3E4660



5C4032



4A482D

Sweetspot

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



204C5B



5F7075



205B2F



2D373B



BABABA



3B3B3B

Same Dimension

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



204C5B



1A5E75



202F5B



292D2E



00526E



00B1ED

Inverse Universe

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



5B204C



751A5E



5B4C20



2E292D



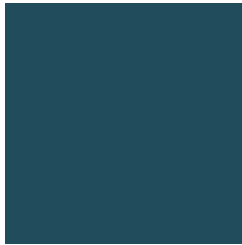
6E0052



ED00B1

Previews

White Background



This preview shows how the Hex color 204C5B looks on a white background.

Color Contrast Check

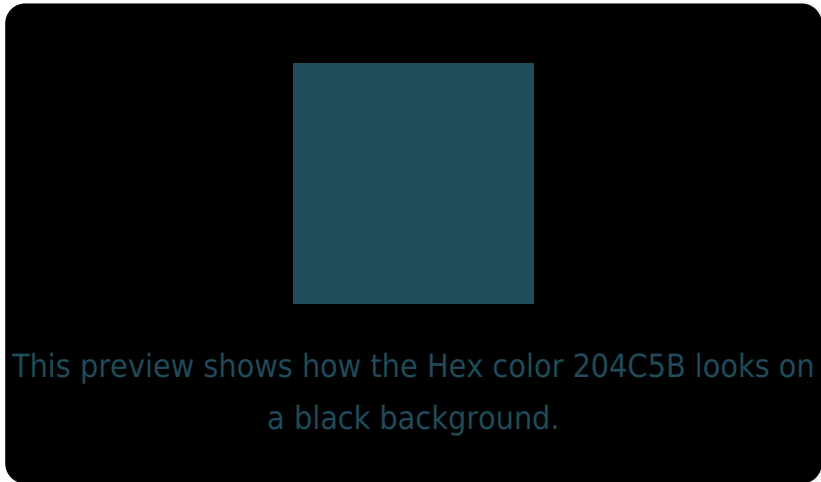
Large Text (above 18pt) WCAG AA ✓ Pass

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

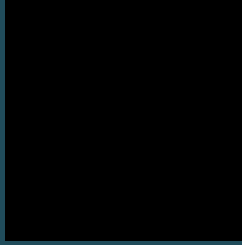
Any Text WCAG AA × Fail

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 204C5B Background



This preview shows how black text looks on a background with the Hex color 204C5B.



This preview shows how white text looks on a background with the Hex color 204C5B.

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
204C5B

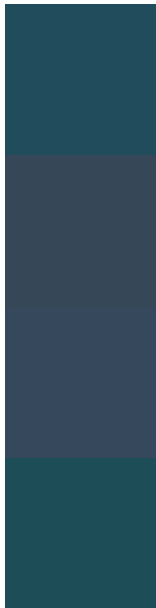
Protanopia
434657

Deuteranopia
41455C



Tritanopia
1C4D54

Trichromacy



Original Color
204C5B

Protanomaly
364858

Deuteranomaly
35485C

Tritanomaly
1D4D57

Monochromacy



Original Color
204C5B

Achromatopsia
414141

Achromatomaly
35454A

CSS Examples

Text

The CSS property to change the color of the text to Hex 204C5B 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 #204C5B looks like.

```
.text, #text, p{  
    color:#204C5B  
}
```

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 #204C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204C5B
}
```

Border

The CSS property to change the border of an element to Hex 204C5B 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
#204C5B }
```

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

```
.border{ border-color:#204C5B }
```

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

Here you see how a box with a 4 pixel #204C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204C5B; -webkit-box-shadow:4px 4px  
4px 4px #204C5B; box-shadow:4px 4px 4px  
4px #204C5B }
```

Background

The CSS property to change the background color of an element to Hex 204C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204C5B }
```

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

```
.background{ background-color:#204C5B }
```

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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