

Converting Colors

Hex(204C4D)

Have a look what the booklet for
Hex(204C4D) contains.

Hex(204C4D)	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(204C4D)

Conversions

Conversions Part 1

Format	Color
Hex	204C4D
RGB	32, 76, 77
RGB Percent	13%, 30%, 30%
CMY	0.8745, 0.7020, 0.6980
CMYK	0.58, 0.01, 0.00, 0.70
HSL	181°, 41%, 21%
HSV	181°, 58%, 30%
XYZ	4.5197, 6.0118, 7.9434
YIQ	62.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

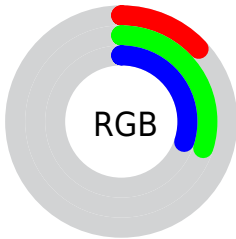
Format	Color
R_{YB}	32, 54, 77
Decimal	2116685
CIE Lab	29.44, -14.73, -5.22
CIE LCh	29, 15.625, 199.519
Yxy	6.0118, 0.2446, 0.3254
Android (android.graphics.Color)	4280306765 (0xFF204C4D)
YUV	62.9580, 6.9227, -27.1502
Hunter-Lab	24.5189, -10.0046, -2.0448

Details

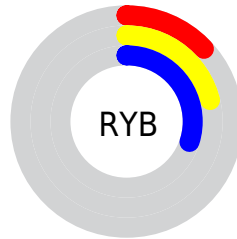
The Hex color **204C4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D2120**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **517D7E**, and **002021** is the 20% darker color. If you saturate the color by 10%, you get **184C4D**, and if you desaturate by 10%, it is **284C4D**.

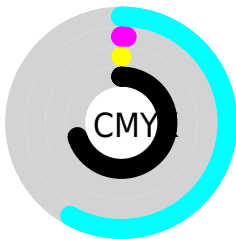
Distribution



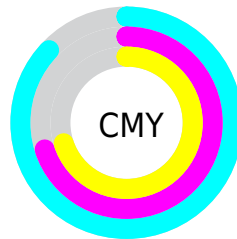
- Red (13%)
- Green (30%)
- Blue (30%)



- Red (13%)
- Yellow (21%)
- Blue (30%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 204C4D 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 204C4D by changing the saturation by 10% instead.

■ 204C4D

■ 204C4D

FFFFFF

■ 043536

■ 517D7E

■ 002021

■ 6B9798

■ 00000A

■ 85B2B2

■ 000000

■ A0CDCE

■ BBEAEA

■ D7FFFF

■ F4FFFF

■ 204C4D

■ 204C4D

■ 184C4D

■ 284C4D

■ 114C4D

■ 2F4C4D

■ 094B4D

■ 374D4D

■ 014B4D

■ 3F4D4D

■ 004B4D

■ 474D4D

■ 4E4D4D

■ 564D4D

■ 5E4D4D

■ 654E4D

Harmonies

Analogous

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



2A4C41



204C4D



214B57

Triad

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



204C4D



514055



52432E

Complementary

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



204C4D



4D2120

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.



5A3F33



204C4D



5B3D4A

Square

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



204C4D



41445C



5E3D3E



46472E

Rectangle

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



204C4D



2A495C



5E3D3E



55422F

Sweetspot

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



204C4D



526363



204D21



283333



B3B3B3



333333

Same Dimension

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



204C4D



1E6263



20364D



222626



006466



00E0E6

Inverse Universe

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



4D204C



631E62



4D3720



262226



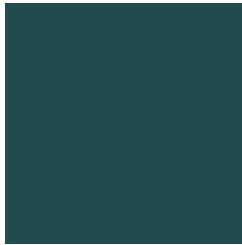
660064



E600E0

Previews

White Background



This preview shows how the Hex color 204C4D looks on a white background.

Color Contrast Check

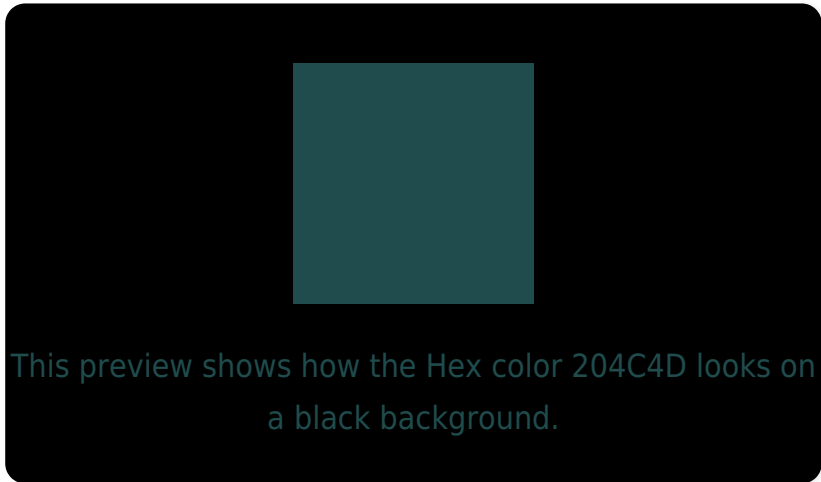
Large Text (above 18pt) WCAG AA ✓ Pass

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

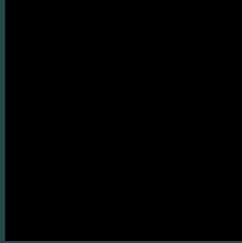
Any Text WCAG AA × Fail

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 204C4D Background



This preview shows how black text looks on a background with the Hex color 204C4D.



This preview shows how white text looks on a background with the Hex color 204C4D.

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
204C4D

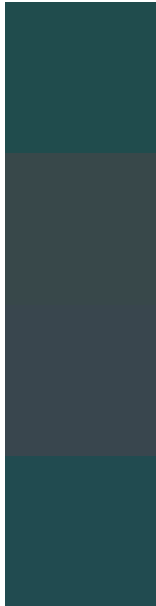
Protanopia
454549

Deuteranopia
47434F



Tritanopia
224B51

Trichromacy



Original Color
204C4D

Protanomaly
38484A

Deuteranomaly
39464E

Tritanomaly
214B50

Monochromacy



Original Color
204C4D

Achromatopsia
3F3F3F

Achromatomaly
344444

CSS Examples

Text

The CSS property to change the color of the text to Hex 204C4D 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 #204C4D looks like.

```
.text, #text, p{  
    color:#204C4D  
}
```

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 #204C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204C4D
}
```

Border

The CSS property to change the border of an element to Hex 204C4D 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
#204C4D }
```

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

```
.border{ border-color:#204C4D }
```

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

Here you see how a box with a 4 pixel #204C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204C4D; -webkit-box-shadow:4px 4px  
4px 4px #204C4D; box-shadow:4px 4px 4px  
4px #204C4D }
```

Background

The CSS property to change the background color of an element to Hex 204C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204C4D }
```

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

```
.background{ background-color:#204C4D }
```

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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