

Converting Colors

Hex(204542)

Have a look what the booklet for
Hex(204542) contains.

Hex(204542)	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(204542)

Conversions

Conversions Part 1

Format	Color
Hex	204542
RGB	32, 69, 66
RGB Percent	13%, 27%, 26%
CMY	0.8745, 0.7294, 0.7412
CMYK	0.54, 0.00, 0.04, 0.73
HSL	175°, 37%, 20%
HSV	175°, 54%, 27%
XYZ	3.7072, 4.9567, 5.9156
YIQ	57.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

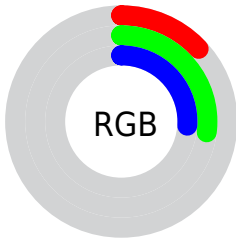
Format	Color
R_{YB}	32, 51, 69
Decimal	2114882
CIE Lab	26.61, -14.10, -2.28
CIE LCh	27, 14.286, 189.191
Yxy	4.9567, 0.2543, 0.3400
Android (android.graphics.Color)	4280304962 (0xFF204542)
YUV	57.5950, 4.1437, -22.4468
Hunter-Lab	22.2636, -9.2388, -0.1693

Details

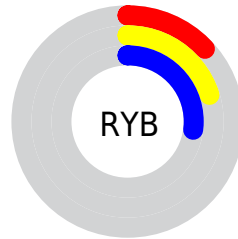
The Hex color **204542** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452023**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **507572**, and **001B17** is the 20% darker color. If you saturate the color by 10%, you get **194541**, and if you desaturate by 10%, it is **274543**.

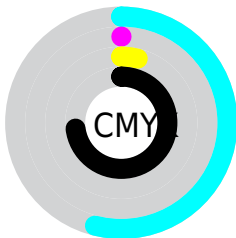
Distribution



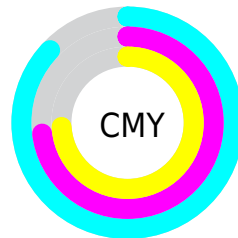
- Red (13%)
- Green (27%)
- Blue (26%)



- Red (13%)
- Yellow (20%)
- Blue (27%)



- Cyan (54%)
- Magenta (0%)
- Yellow (4%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204542 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 204542 by changing the saturation by 10% instead.

 204542

 204542

FFFFFF

 072F2C

 507572

 001B17

 698F8B

 000000

 82AAA6

 9DC5C1

 B8E1DD

 D4FEF9

 F1FFFF

 204542

 204542

■ 194541

■ 274543

■ 124541

■ 2E4543

■ 0B4540

■ 354544

■ 044540

■ 3C4544

■ 00453F

■ 434545

■ 494545

■ 504546

■ 574546

■ 5E4547

Harmonies

Analogous

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



2B4437



204542



1D444C

Triad

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



204542



453B50



4D3C2B

Complementary

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



204542



452023

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.



543832



204542



503847

Square

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



204542



363F54



55373C



433F29

Rectangle

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



204542



224351



55373C



503A2D

Sweetspot

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



204542



4B5958



234520



252E2D



ADADAD



2E2E2E

Same Dimension

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



204542



205955



203645



202423



00635B



00E3D1

Inverse Universe

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



452023



592025



452F20



242020



630008



E30012

Previews

White Background



This preview shows how the Hex color 204542 looks on a white background.

Color Contrast Check

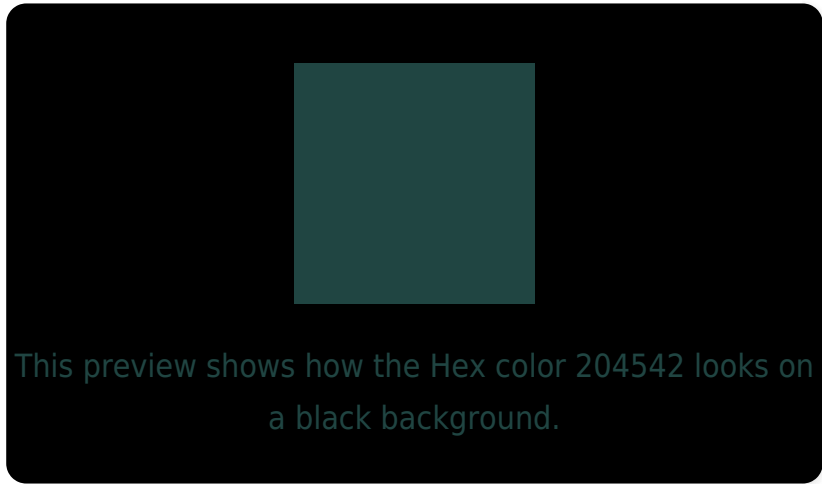
Large Text (above 18pt) WCAG AA ✓ Pass

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

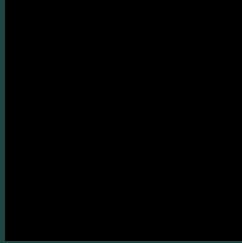
Any Text WCAG AA × Fail

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 204542 Background



This preview shows how black text looks on a background with the Hex color 204542.



This preview shows how white text looks on a background with the Hex color 204542.

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](#).

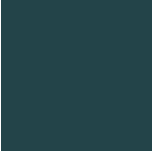
Dichromacy



Original Color
204542

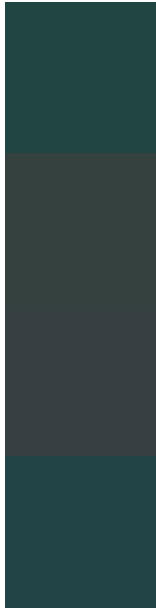
Protanopia
403E3E

Deuteranopia
433D44



Tritanopia
234449

Trichromacy



Original Color
204542

Protanomaly
34413F

Deuteranomaly
364043

Tritanomaly
224446

Monochromacy



Original Color
204542

Achromatopsia
3A3A3A

Achromatomaly
313E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 204542 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 #204542 looks like.

```
.text, #text, p{  
    color:#204542  
}
```

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 #204542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204542
}
```

Border

The CSS property to change the border of an element to Hex 204542 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
#204542 }
```

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

```
.border{ border-color:#204542 }
```

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

Here you see how a box with a 4 pixel #204542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204542; -webkit-box-shadow:4px 4px  
4px 4px #204542; box-shadow:4px 4px 4px  
4px #204542 }
```

Background

The CSS property to change the background color of an element to Hex 204542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204542 }
```

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

```
.background{ background-color:#204542 }
```

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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