

Converting Colors

Hex(204358)

Have a look what the booklet for
Hex(204358) contains.

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Color

Hex(204358)

Conversions

Conversions Part 1

Format	Color
Hex	204358
RGB	32, 67, 88
RGB Percent	13%, 26%, 35%
CMY	0.8745, 0.7373, 0.6549
CMYK	0.64, 0.24, 0.00, 0.65
HSL	202°, 47%, 24%
HSV	202°, 64%, 35%
XYZ	4.3643, 5.0260, 9.9726
YIQ	58.9290, -27.6010, -0.8890

Conversions

Conversions Part 2

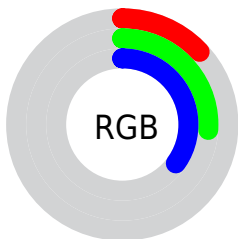
Format	Color
R_{YB}	32, 54, 88
Decimal	2114392
CIE _{Lab}	26.81, -5.48, -16.34
CIE _{LCh}	27, 17.238, 251.480
Yxy	5.0260, 0.2254, 0.2596
Android (android.graphics.Color)	4280304472 (0xFF204358)
YUV	58.9290, 14.3320, -23.6167
Hunter-Lab	22.4187, -4.4838, -10.6812

Details

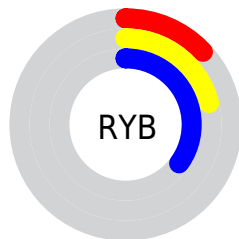
The Hex color **204358** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **583520**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **52738A**, and **00192A** is the 20% darker color. If you saturate the color by 10%, you get **174058**, and if you desaturate by 10%, it is **294658**.

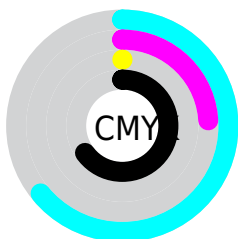
Distribution



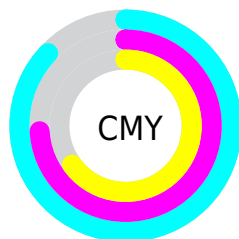
- Red (13%)
- Green (26%)
- Blue (35%)



- Red (13%)
- Yellow (21%)
- Blue (35%)



- Cyan (64%)
- Magenta (24%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204358 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 204358 by changing the saturation by 10% instead.

■ 204358

■ 204358

FFFFFF

■ 032D41

■ 52738A

■ 00192A

■ 6C8CA4

■ 000116

■ 86A7BF

■ 000000

■ A1C2DB

■ BCDEF8

■ D8FAFF

■ F5FFFF

■ 204358

■ 204358

■ 174058

■ 294658

■ 0E3C58

■ 324A58

■ 063958

■ 3A4D58

■ 003758

■ 435058

■ 4C5458

■ 555758

■ 5E5A58

■ 665D58

■ 6F6158

Harmonies

Analogous

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



104650



204358



353F59

Triad

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



204358



59353B



35442B

Complementary

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



204358



583520

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.



434025



204358



57382F

Square

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



204358



543648



4F3C27



254637

Rectangle

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



204358



423C56



4F3C27



3A4329

Sweetspot

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



204358



5D6B73



205835



2D363B



BABABA



3B3B3B

Same Dimension

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



204358



1C5273



202758



272A2B



00436B



0093EB

Inverse Universe

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



582043



731C52



585120



2B272A



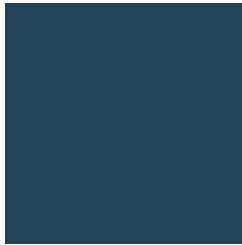
6B0043



EB0093

Previews

White Background



This preview shows how the Hex color 204358 looks on a white background.

Color Contrast Check

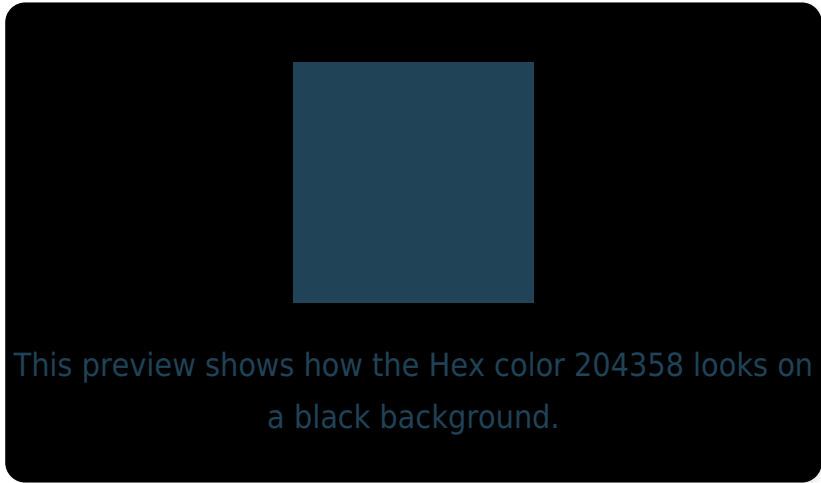
Large Text (above 18pt) WCAG AA ✓ Pass

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

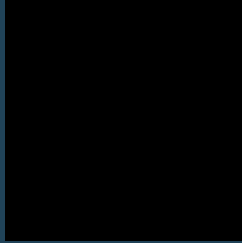
Any Text WCAG AA × Fail

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 204358 Background



This preview shows how black text looks on a background with the Hex color 204358.



This preview shows how white text looks on a background with the Hex color 204358.

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
204358

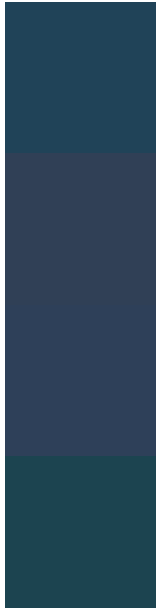
Protanopia
393E55

Deuteranopia
363F59



Tritanopia
19454B

Trichromacy



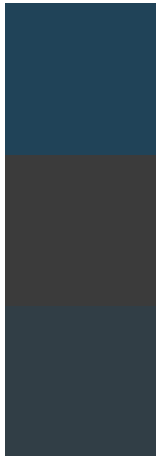
Original Color
204358

Protanomaly
304056

Deuteranomaly
2E4059

Tritanomaly
1C4450

Monochromacy



Original Color
204358

Achromatopsia
3B3B3B

Achromatomaly
313E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 204358 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 #204358 looks like.

```
.text, #text, p{  
    color:#204358  
}
```

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 #204358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204358
}
```

Border

The CSS property to change the border of an element to Hex 204358 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".

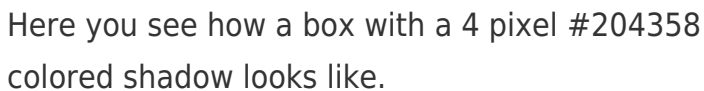
```
.border, #border, table{ border:4px solid
#204358 }
```

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

```
.border{ border-color:#204358 }
```

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

Here you see how a box with a 4 pixel #204358 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204358; -webkit-box-shadow:4px 4px  
4px 4px #204358; box-shadow:4px 4px 4px  
4px #204358 }
```

Background

The CSS property to change the background color of an element to Hex 204358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204358 }
```

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

```
.background{ background-color:#204358 }
```

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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