

Converting Colors

Hex(205356)

Have a look what the booklet for
Hex(205356) contains.

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Color

Hex(205356)

Conversions

Conversions Part 1

Format	Color
Hex	205356
RGB	32, 83, 86
RGB Percent	13%, 33%, 34%
CMY	0.8745, 0.6745, 0.6627
CMYK	0.63, 0.03, 0.00, 0.66
HSL	183°, 46%, 23%
HSV	183°, 63%, 34%
XYZ	5.3686, 7.1655, 9.9042
YIQ	68.0930, -31.3590, -9.8790

Conversions

Conversions Part 2

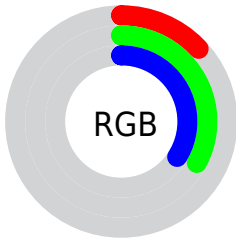
Format	Color
R_{YB}	32, 58, 86
Decimal	2118486
CIE _{Lab}	32.18, -15.83, -6.88
CIE _{LCh}	32, 17.261, 203.475
Yxy	7.1655, 0.2393, 0.3193
Android (android.graphics.Color)	4280308566 (0xFF205356)
YUV	68.0930, 8.8282, -31.6536
Hunter-Lab	26.7684, -11.0450, -3.1992

Details

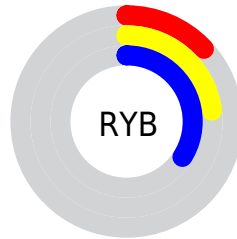
The Hex color **205356** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **562320**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **538588**, and **002629** is the 20% darker color. If you saturate the color by 10%, you get **175356**, and if you desaturate by 10%, it is **295356**.

Distribution



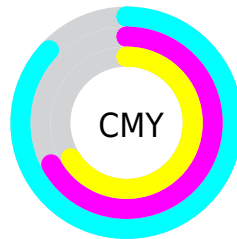
- Red (13%)
- Green (33%)
- Blue (34%)



- Red (13%)
- Yellow (23%)
- Blue (34%)



- Cyan (63%)
- Magenta (3%)
- Yellow (0%)
- Black (66%)



- Cyan (87%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Hex color 205356 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 205356 by changing the saturation by 10% instead.

 205356

 205356


FFFFFF

 013C3F

 538588

 002629

 6D9FA2

 000F15

 87BABD

 000000

 A2D6D9

 BEF2F5

 DAFFFF

 F7FFFF

 205356

 205356

■ 175356

■ 295356

■ 0F5256

■ 315456

■ 065256

■ 3A5456

■ 005156

■ 425556

■ 4B5556

■ 545656

■ 5C5656

■ 655756

■ 6D5756

Harmonies

Analogous

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



2B5348



205356



245161

Triad

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



205356



5A455C



584A31

Complementary

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



205356



562320

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.



624536



205356



64424F

Square

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



205356



4A4964



674242



4A4E33

Rectangle

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



205356



2F4F65



674242



5C4832

Sweetspot

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



205356



5B6F70



205623



2B3738



B8B8B8



383838

Same Dimension

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



205356



1C6C70



203856



272B2B



00656B



00DEEB

Inverse Universe

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



562053



701C6C



563E20



2B272B



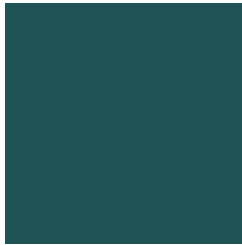
6B0065



EB00DE

Previews

White Background



This preview shows how the Hex color 205356 looks on a white background.

Color Contrast Check

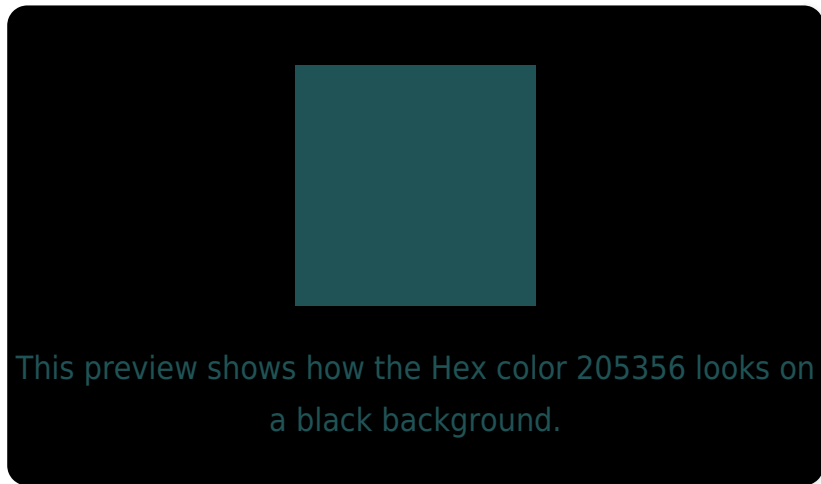
Large Text (above 18pt) WCAG AA ✓ Pass

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

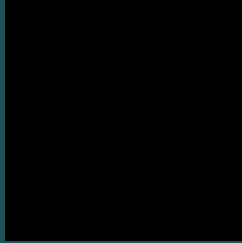
Any Text WCAG AA × Fail

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 205356 Background



This preview shows how black text looks on a background with the Hex color 205356.



This preview shows how white text looks on a background with the Hex color 205356.

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](#).

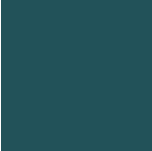
Dichromacy



Original Color
205356

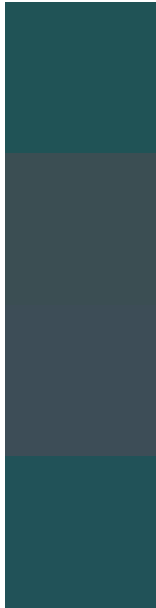
Protanopia
4B4B51

Deuteranopia
4D4A58



Tritanopia
225259

Trichromacy



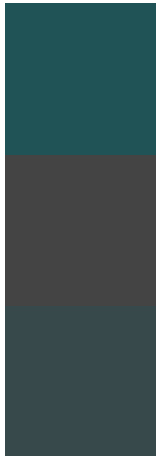
Original Color
205356

Protanomaly
3B4E53

Deuteranomaly
3D4D57

Tritanomaly
215258

Monochromacy



Original Color
205356

Achromatopsia
444444

Achromatomaly
37494B

CSS Examples

Text

The CSS property to change the color of the text to Hex 205356 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 #205356 looks like.

```
.text, #text, p{  
    color:#205356  
}
```

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 #205356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205356
}
```

Border

The CSS property to change the border of an element to Hex 205356 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
#205356 }
```

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

```
.border{ border-color:#205356 }
```

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

Here you see how a box with a 4 pixel #205356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205356; -webkit-box-shadow:4px 4px  
4px 4px #205356; box-shadow:4px 4px 4px  
4px #205356 }
```

Background

The CSS property to change the background color of an element to Hex 205356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205356 }
```

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

```
.background{ background-color:#205356 }
```

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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