

Converting Colors

Hex(556181)

Have a look what the booklet for
Hex(556181) contains.

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Color

Hex(556181)

Conversions

Conversions Part 1

Format	Color
Hex	556181
RGB	85, 97, 129
RGB Percent	33%, 38%, 51%
CMY	0.6667, 0.6196, 0.4941
CMYK	0.34, 0.25, 0.00, 0.49
HSL	224°, 21%, 42%
HSV	224°, 34%, 51%
XYZ	11.9835, 12.0657, 22.4662
YIQ	97.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

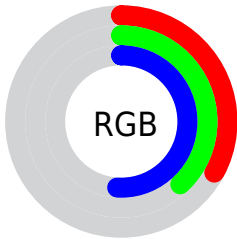
Format	Color
R_{YB}	85, 94, 129
Decimal	5595521
CIE _{Lab}	41.32, 3.65, -19.35
CIE _{LCh}	41, 19.695, 280.672
Yxy	12.0657, 0.2576, 0.2594
Android (android.graphics.Color)	4283785601 (0xFF556181)
YUV	97.0600, 15.7464, -10.5766
Hunter-Lab	34.7357, 0.7933, -14.0324

Details

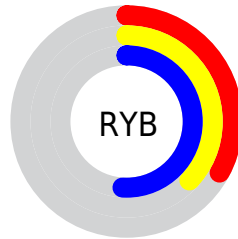
The Hex color **556181** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **817555**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8893B6**, and **253350** is the 20% darker color. If you saturate the color by 10%, you get **485881**, and if you desaturate by 10%, it is **626A81**.

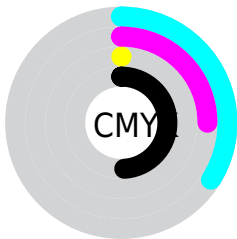
Distribution



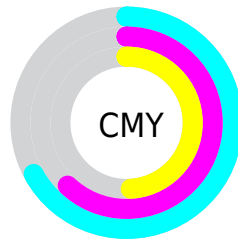
- Red (33%)
- Green (38%)
- Blue (51%)



- Red (33%)
- Yellow (37%)
- Blue (51%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556181 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 556181 by changing the saturation by 10% instead.

■ 556181

■ 556181

FFFFFF

■ 3D4968

■ 8893B6

■ 253350

■ A3AED2

■ 0D1E39

■ BEC9EE

■ 000423

■ DAE5FF

■ 00000B

■ F7FFFF

■ 000000

■ 556181

■ 556181

■ 485881

■ 626A81

■ 3B4E81

■ 6F7481

■ 2E4581

■ 7C7D81

■ 213B81

■ 898781

■ 143281

■ 969081

■ 082981

■ A29981

■ 002381

■ AFA381

■ BCAC81

■ C9B581

Harmonies

Analogous

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



3E6680



556181



6B5B7A

Triad

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



556181



80584D



426A56

Complementary

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



556181



817555

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.



556749



556181



765D43

Square

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



556181



82555C



676242



326A67

Rectangle

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



556181



765872



676242



496951

Sweetspot

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



556181



979CA8



558175



4A4D54



D4D4D4



545454

Same Dimension

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



556181



6376A8



5F5581



393B40



002380



000000

Inverse Universe

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



815561



A86376



778155



40393B



800023



000000

Previews

White Background



This preview shows how the Hex color 556181 looks on a white background.

Color Contrast Check

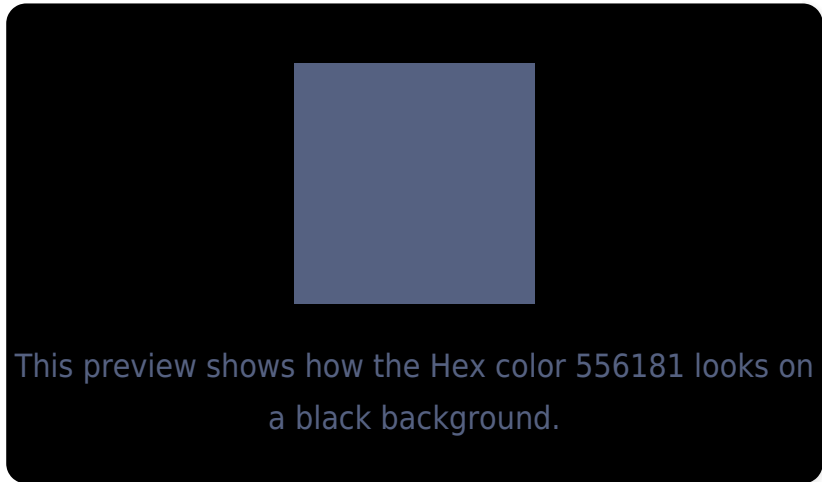
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

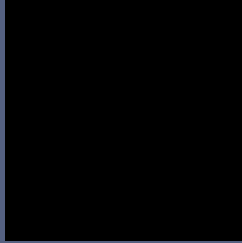
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

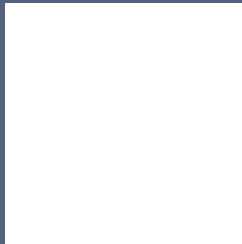
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 556181 Background



This preview shows how black text looks on a background with the Hex color 556181.

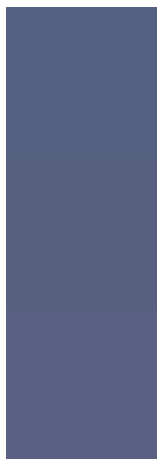


This preview shows how white text looks on a background with the Hex color 556181.

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
556181

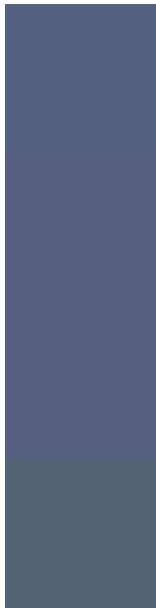
Protanopia
586080

Deuteranopia
596081



Tritanopia
50656D

Trichromacy



Original Color

556181

Protanomaly

576080

Deuteranomaly

586081

Tritanomaly

526474

Monochromacy



Original Color

556181

Achromatopsia

616161

Achromatomaly

5D616D

CSS Examples

Text

The CSS property to change the color of the text to Hex 556181 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 #556181 looks like.

```
.text, #text, p{  
    color:#556181  
}
```

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 #556181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556181
}
```

Border

The CSS property to change the border of an element to Hex 556181 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
#556181 }
```

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

```
.border{ border-color:#556181 }
```

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

Here you see how a box with a 4 pixel #556181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556181; -webkit-box-shadow:4px 4px  
4px 4px #556181; box-shadow:4px 4px 4px  
4px #556181 }
```

Background

The CSS property to change the background color of an element to Hex 556181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556181 }
```

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

```
.background{ background-color:#556181 }
```

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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