

Converting Colors

Hex(1256A3)

Have a look what the booklet for
Hex(1256A3) contains.

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Color

Hex(1256A3)

Conversions

Conversions Part 1

Format	Color
Hex	1256A3
RGB	18, 86, 163
RGB Percent	7%, 34%, 64%
CMY	0.9294, 0.6627, 0.3608
CMYK	0.89, 0.47, 0.00, 0.36
HSL	212°, 80%, 35%
HSV	212°, 89%, 64%
XYZ	10.1881, 9.4285, 35.9332
YIQ	74.4460, -65.2450, 9.5310

Conversions

Conversions Part 2

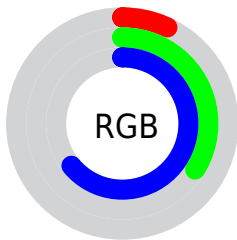
Format	Color
R_{YB}	18, 64, 163
Decimal	1201827
CIE Lab	36.80, 9.94, -47.18
CIE LCh	37, 48.218, 281.899
Yxy	9.4285, 0.1834, 0.1697
Android (android.graphics.Color)	4279391907 (0xFF1256A3)
YUV	74.4460, 43.6571, -49.5031
Hunter-Lab	30.7059, 5.4903, -47.8894

Details

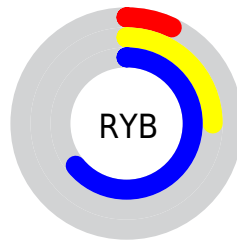
The Hex color **1256A3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A35F12**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5C87DB**, and **002A6E** is the 20% darker color. If you saturate the color by 10%, you get **024DA3**, and if you desaturate by 10%, it is **225FA3**.

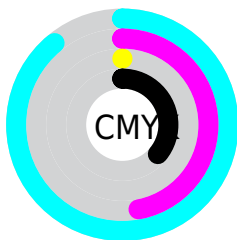
Distribution



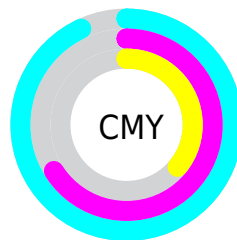
- Red (7%)
- Green (34%)
- Blue (64%)



- Red (7%)
- Yellow (25%)
- Blue (64%)



- Cyan (89%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (93%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1256A3 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 1256A3 by changing the saturation by 10% instead.

■ 1256A3

■ 1256A3

FFFFFF

■ 003F88

■ 5C87DB

■ 002A6E

■ 79A1F7

■ 001756

■ 96BCFF

■ 00063E

■ B4D8FF

■ 000327

■ D1F4FF

■ 000110

■ EFFFFFF

■ 000000

■ 1256A3

■ 1256A3

■ 024DA3

■ 225FA3

■ 004CA3

■ 3367A3

■ 4370A3

■ 5379A3

■ 6381A3

■ 748AA3

■ 8493A3

■ 949BA3

■ A5A4A3

Harmonies

Analogous

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



0061A0



1256A3



6B4591

Triad

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



1256A3



933B24



00673D

Complementary

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



1256A3



A35F12

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.



2E6216



1256A3



7C4C00

Square

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



1256A3



9B2E49



5A5A00



006865

Rectangle

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



1256A3



87387C



5A5A00



006630

Sweetspot

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



1256A3



9BB5D4



12A35D



49596B



EBEBEB



6B6B6B

Same Dimension

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



1256A3



0063D4



1412A3



494D52



004491



000812

Inverse Universe

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



A31256



D40063



A1A312



52494D



910044



120008

Previews

White Background



This preview shows how the Hex color 1256A3 looks on a white background.

Color Contrast Check

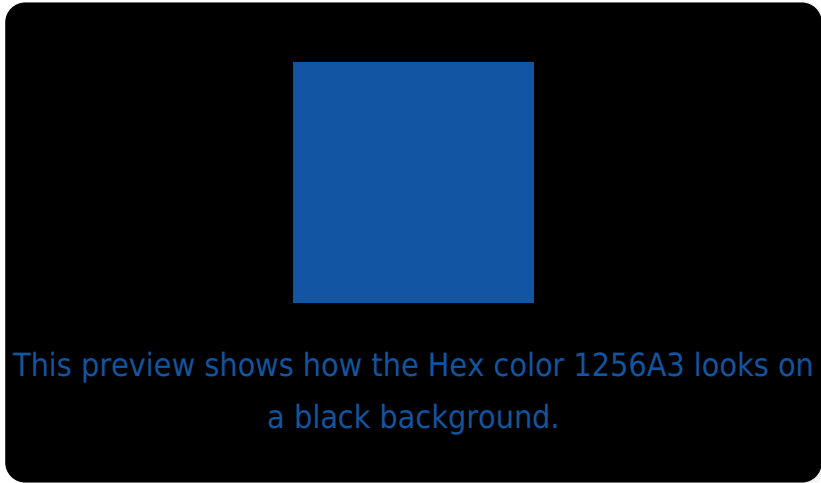
Large Text (above 18pt) WCAG AA ✓ Pass

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

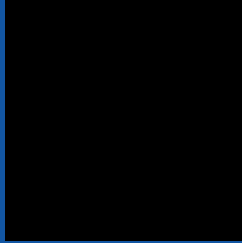
Any Text WCAG AA × Fail

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 1256A3 Background



This preview shows how black text looks on a background with the Hex color 1256A3.

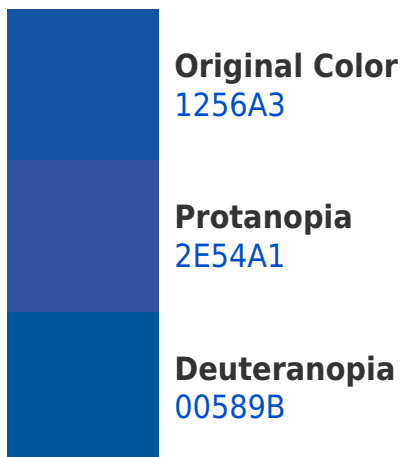


This preview shows how white text looks on a background with the Hex color 1256A3.

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





Trichromacy



Original Color
1256A3

Protanomaly
2455A2

Deuteranomaly
07579E

Tritanomaly
075C7C

Monochromacy



Original Color
1256A3

Achromatopsia
4A4A4A

Achromatomaly
364E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1256A3 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 #1256A3 looks like.

```
.text, #text, p{  
    color:#1256A3  
}
```

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 #1256A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1256A3
}
```

Border

The CSS property to change the border of an element to Hex 1256A3 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
#1256A3 }
```

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

```
.border{ border-color:#1256A3 }
```

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

Here you see how a box with a 4 pixel #1256A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1256A3; -webkit-box-shadow:4px 4px  
4px 4px #1256A3; box-shadow:4px 4px 4px  
4px #1256A3 }
```

Background

The CSS property to change the background color of an element to Hex 1256A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1256A3 }
```

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

```
.background{ background-color:#1256A3 }
```

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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