

Converting Colors

Hex(1956A2)

Have a look what the booklet for
Hex(1956A2) contains.

Hex(1956A2)	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(1956A2)

Conversions

Conversions Part 1

Format	Color
Hex	1956A2
RGB	25, 86, 162
RGB Percent	10%, 34%, 64%
CMY	0.9020, 0.6627, 0.3647
CMYK	0.85, 0.47, 0.00, 0.36
HSL	213°, 73%, 37%
HSV	213°, 85%, 64%
XYZ	10.2503, 9.4709, 35.4702
YIQ	76.4250, -60.7520, 10.7040

Conversions

Conversions Part 2

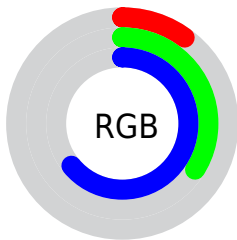
Format	Color
R_{YB}	25, 67, 162
Decimal	1660578
CIE _{Lab}	36.88, 10.08, -46.45
CIE _{LCh}	37, 47.532, 282.248
Yxy	9.4709, 0.1857, 0.1716
Android (android.graphics.Color)	4279850658 (0xFF1956A2)
YUV	76.4250, 42.1885, -45.0997
Hunter-Lab	30.7748, 5.5978, -46.7937

Details

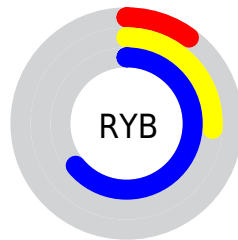
The Hex color **1956A2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A26519**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5E87D9**, and **002A6E** is the 20% darker color. If you saturate the color by 10%, you get **094DA2**, and if you desaturate by 10%, it is **295FA2**.

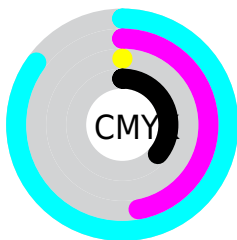
Distribution



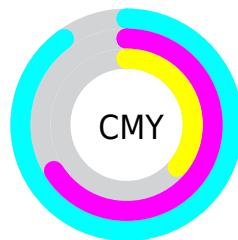
- Red (10%)
- Green (34%)
- Blue (64%)



- Red (10%)
- Yellow (26%)
- Blue (64%)



- Cyan (85%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (90%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1956A2 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 1956A2 by changing the saturation by 10% instead.

■ 1956A2

■ 1956A2

FFFFFF

■ 003F87

■ 5E87D9

■ 002A6E

■ 7CA1F6

■ 001755

■ 98BCFF

■ 00063D

■ B6D8FF

■ 000326

■ D3F4FF

■ 00010F

■ F1FFFF

■ 000000

■ 1956A2

■ 1956A2

■ 094DA2

■ 295FA2

0048A2

3968A2

4A71A2

5A7AA2

6A83A2

7A8CA2

8A95A2

9B9EA2

ABA7A2

Harmonies

Analogous

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



0061A0



1956A2



6C4590

Triad

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



1956A2



923C25



00673E

Complementary

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



1956A2



A26519

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.



2F6218



1956A2



7B4D02

Square

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



1956A2



9B2F49



5A5A00



006866

Rectangle

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



1956A2



87397B



5A5A00



006631

Sweetspot

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



1956A2



9FB6D4



19A264



4B596B



EBEBEB



6B6B6B

Same Dimension

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



1956A2



005ED4



2019A2



494D52



004191



000812

Inverse Universe

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



A21956



D4005E



9BA219



52494D



910041



120008

Previews

White Background



This preview shows how the Hex color 1956A2 looks on a white background.

Color Contrast Check

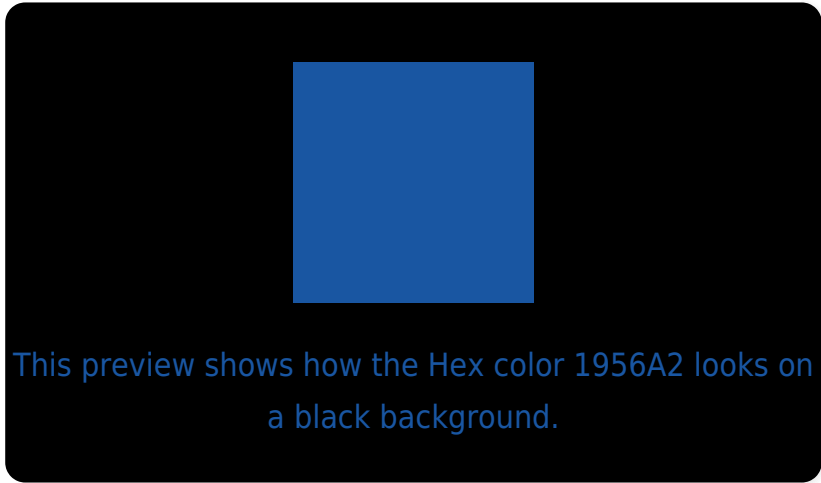
Large Text (above 18pt) WCAG AA ✓ Pass

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

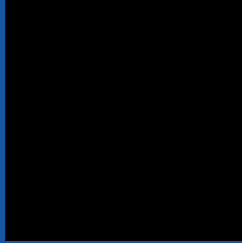
Any Text WCAG AA × Fail

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 1956A2 Background



This preview shows how black text looks on a background with the Hex color 1956A2.



This preview shows how white text looks on a background with the Hex color 1956A2.

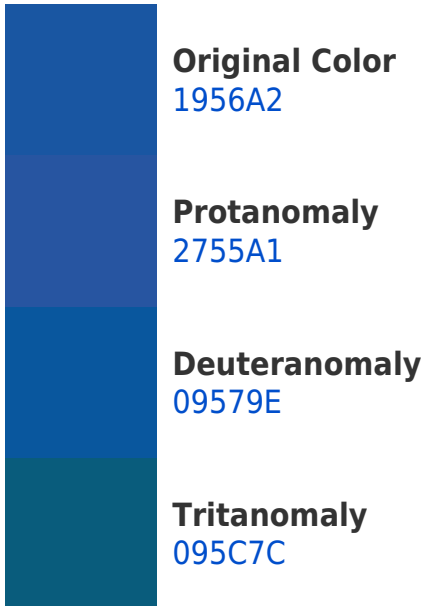
Color Blindness Simulation

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](#).

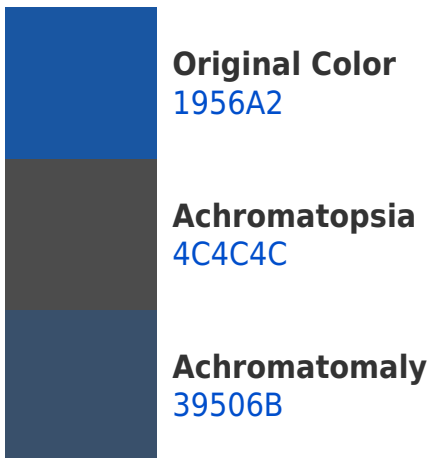
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1956A2 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 #1956A2 looks like.

```
.text, #text, p{  
    color:#1956A2  
}
```

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 #1956A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1956A2
}
```

Border

The CSS property to change the border of an element to Hex 1956A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

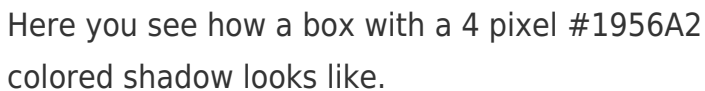
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1956A2 }
```

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

```
.border{ border-color:#1956A2 }
```

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



Here you see how a box with a 4 pixel #1956A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1956A2; -webkit-box-shadow:4px 4px  
4px 4px #1956A2; box-shadow:4px 4px 4px  
4px #1956A2 }
```

Background

The CSS property to change the background color of an element to Hex 1956A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1956A2 }
```

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

```
.background{ background-color:#1956A2 }
```

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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