

Converting Colors

Hex(154676)

Have a look what the booklet for
Hex(154676) contains.

Hex(154676)	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(154676)

Conversions

Conversions Part 1

Format	Color
Hex	154676
RGB	21, 70, 118
RGB Percent	8%, 27%, 46%
CMY	0.9176, 0.7255, 0.5373
CMYK	0.82, 0.41, 0.00, 0.54
HSL	210°, 70%, 27%
HSV	210°, 82%, 46%
XYZ	5.7694, 5.8478, 17.9642
YIQ	60.8210, -44.6120, 4.5400

Conversions

Conversions Part 2

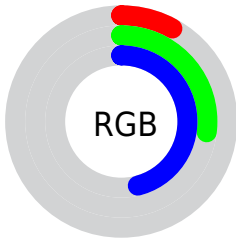
Format	Color
R_{YB}	21, 54, 118
Decimal	1394294
CIE _{Lab}	29.03, 2.43, -32.06
CIE _{LCh}	29, 32.156, 274.332
Yxy	5.8478, 0.1950, 0.1977
Android (android.graphics.Color)	4279584374 (0xFF154676)
YUV	60.8210, 28.1892, -34.9230
Hunter-Lab	24.1821, 0.2683, -27.1173

Details

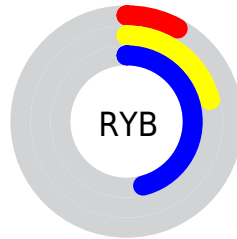
The Hex color **154676** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **764515**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5176AB**, and **001C45** is the 20% darker color. If you saturate the color by 10%, you get **094076**, and if you desaturate by 10%, it is **214C76**.

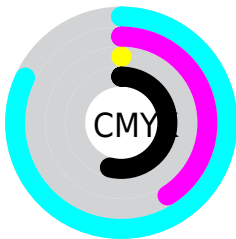
Distribution



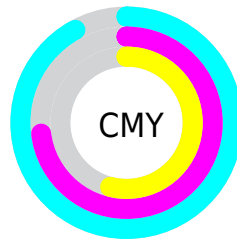
- Red (8%)
- Green (27%)
- Blue (46%)



- Red (8%)
- Yellow (21%)
- Blue (46%)



- Cyan (82%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)



- Cyan (92%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 154676 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 154676 by changing the saturation by 10% instead.

■ 154676

■ 154676

FFFFFF

■ 00305D

■ 5176AB

■ 001C45

■ 6C8FC6

■ 00042F

■ 88AAE2

■ 000119

■ A3C5FF

■ 000000

■ C0E1FF

■ DCFEFF

■ FAFFFF

■ 154676

■ 154676

■ 094076

■ 214C76

■ 003C76

■ 2D5276

■ 385876

■ 445D76

■ 506376

■ 5C6976

■ 686F76

■ 737576

■ 7F7B76

Harmonies

Analogous

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



004D71



154676



4A3C6E

Triad

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



154676



6F322A



0B4F2E

Complementary

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



154676



764515

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.



354B19



154676



633B17

Square

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



154676



712E42



4E440F



005147

Rectangle

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



154676



5E3562



4E440F



1E4E26

Sweetspot

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



154676



738699



157644



36414D



CCCCCC



4D4D4D

Same Dimension

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



154676



024E99



151776



35383B



003E7A



007EFA

Inverse Universe

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



761546



99024E



767415



3B3538



7A003E



FA007E

Previews

White Background



This preview shows how the Hex color 154676 looks on a white background.

Color Contrast Check

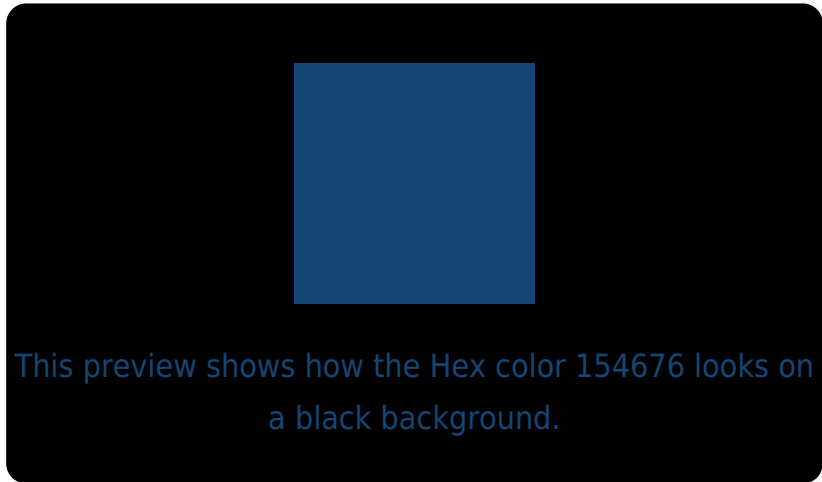
Large Text (above 18pt) WCAG AA ✓ Pass

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

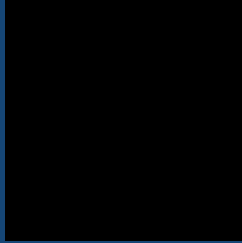
Any Text WCAG AA × Fail

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 154676 Background



This preview shows how black text looks on a background with the Hex color 154676.

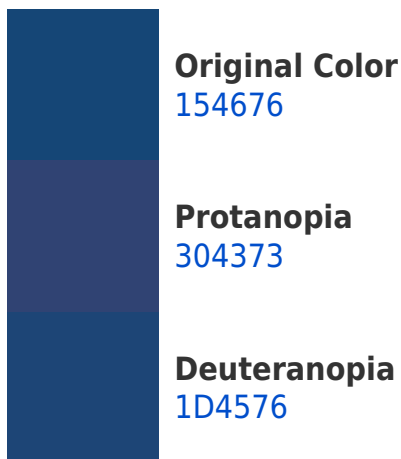


This preview shows how white text looks on a background with the Hex color 154676.

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
154676

Protanomaly
264474

Deuteranomaly
1A4576

Tritanomaly
084A5F

Monochromacy



Original Color
154676

Achromatopsia
3D3D3D

Achromatomaly
2E4052

CSS Examples

Text

The CSS property to change the color of the text to Hex 154676 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 #154676 looks like.

```
.text, #text, p{  
    color:#154676  
}
```

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 #154676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #154676  
}
```

Border

The CSS property to change the border of an element to Hex 154676 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  
#154676 }
```

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

```
.border{ border-color:#154676 }
```

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

Here you see how a box with a 4 pixel #154676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #154676; -webkit-box-shadow:4px 4px  
4px 4px #154676; box-shadow:4px 4px 4px  
4px #154676 }
```

Background

The CSS property to change the background color of an element to Hex 154676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#154676 }
```

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

```
.background{ background-color:#154676 }
```

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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