

Converting Colors

HunterLab(18.1942, -0.3409,
-21.6407)

Have a look what the booklet for
HunterLab(18.1942, -0.3409,
-21.6407) contains.

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Color

**HunterLab(18.2533, -0.3578,
-21.6473)**

Conversions

Conversions Part 1

Format	Color
Hex	02355C
RGB	2, 53, 92
RGB Percent	1%, 21%, 36%
CMY	0.9921, 0.7922, 0.6392
CMYK	0.98, 0.42, 0.00, 0.64
HSL	206°, 96%, 18%
HSV	206°, 98%, 36%
XYZ	3.2299, 3.3318, 10.5981
YIQ	42.1970, -42.9150, 1.3170

Conversions

Conversions Part 2

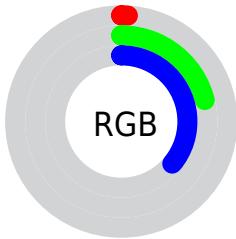
Format	Color
R_{YB}	2, 35, 92
Decimal	144732
CIE _{Lab}	21.33, 1.06, -27.64
CIE _{LCh}	21, 27.663, 272.201
Yxy	3.3319, 0.1882, 0.1942
Android (android.graphics.Color)	4278334812 (0xFF02355C)
YUV	42.1970, 24.5529, -35.2528
Hunter-Lab	18.2533, -0.3578, -21.6473

Details

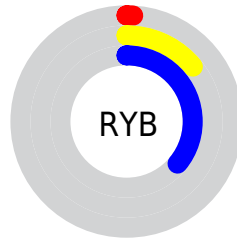
The HunterLab color **18.2533, -0.3578, -21.6473** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.6625, 12.9596, 12.1690**, and the grayscale version is **15.2139, -0.8118, 0.8266**.

A 20% lighter version of the original color is **34.7349, -0.8325, -22.9685**, and **5.9094, 6.8493, -22.1720** is the 20% darker color. If you saturate the color by 10%, you get **18.0010, -0.1112, -22.2596**, and if you desaturate by 10%, it is **19.4173, -1.4829, -18.9784**.

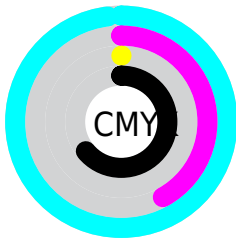
Distribution



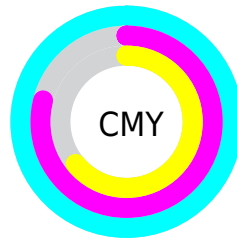
- Red (1%)
- Green (21%)
- Blue (36%)



- Red (1%)
- Yellow (14%)
- Blue (36%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2533, -0.3578, -21.6473 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 HunterLab color 18.2533, -0.3578, -21.6473 by changing the saturation by 10% instead.

■ 18.2533, -0.3578,
-21.6473

■ 18.2533, -0.3578,
-21.6473

■ 114.9990, -5.0070,
-25.4645

■ 11.4341, -0.0811,
-21.4833

■ 34.7418, -1.0921,
-22.6802

■ 3.8329, 1.0031,
-37.3778

■ 44.2178, -1.5348,
-23.2280

0.0000, NaN, -NF

■ 54.4264, -2.0212,
-23.7372

0.0000, NaN, NaN

■ 65.3185, -2.5478,
-24.1950

0.0000, NaN, NaN

■ 76.8534, -3.1117,
-24.5967

0.0000, NaN, NaN

■ 88.9973, -3.7108,

0.0000, NaN, NaN

0.0000, NaN, NaN

-24.9415

0.0000, NaN, NaN

101.7209, -4.3431,
-25.2302

18.2533, -0.3578,
-21.6473

18.2533, -0.3578,
-21.6473

18.0010, -0.1112,
-22.2596

19.4173, -1.4829,
-18.9784

20.6410, -2.4296,
-16.4079

21.9523, -3.0951,
-13.8743

23.3457, -3.4955,
-11.3905

24.8151, -3.6525,
-8.9651

■ 26.3545, -3.5894,
-6.6023

■ 27.9582, -3.3295,
-4.3030

■ 29.6208, -2.8944,
-2.0656

■ 31.3376, -2.3039,
0.1128

Harmonies

Analogous

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



18.2536, -7.8434, -18.2073



18.2533, -0.3578, -21.6473



18.2536, 8.3413, -17.1088

Triad

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



18.2536, -0.3574, -21.6469



18.2536, 14.6041, 7.3780



18.2536, -13.0652, 6.7547

Complementary

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



18.2533, -0.3578, -21.6473



19.6625, 12.9596, 12.1690

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.



18.2536, -8.7313, 9.7431



18.2533, -0.3578, -21.6473



18.2536, 7.0883, 9.9843

Square

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



18.2536, -0.3574, -21.6469



18.2536, 17.8869, 1.5676



18.2536, -1.5844, 10.7047



18.2536, -14.3518, 0.4003

Rectangle

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



18.2533, -0.3578, -21.6473



18.2536, 13.4397, -10.9888



18.2536, -1.5844, 10.7047



18.2536, -11.9599, 8.0688

Sweetspot

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



18.2536, -0.3574, -21.6469



36.5350, -4.4972, -6.3252



27.9776, -21.8285, 12.4109



17.9845, -2.3070, -3.6064



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



18.2536, -0.3574, -21.6469



23.4007, 0.5665, -30.4717



9.7954, 20.1026, -54.8994



15.7131, -1.1951, -0.0527



21.3956, 0.3108, -27.4136



48.2471, 3.9362, -68.8017

Inverse Universe

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



16.0498, 28.3894, -2.0558



20.9729, 37.9015, -1.8332



29.8923, -6.0175, 18.1998



15.3854, 0.6749, 0.3433



19.0836, 34.5113, -1.8547



44.4546, 80.0254, -1.4716

Previews

White Background



This preview shows how the HunterLab color 18.2533, -0.3578, -21.6473 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



This preview shows how the HunterLab color 18.2533, -0.3578, -21.6473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

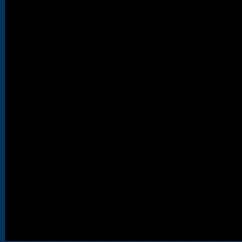
Any Text WCAG AA × Fail

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](#).

HunterLab 18.2533, -0.3578, -21.6473 Background



This preview shows how black text looks on a background with the HunterLab color 18.2533, -0.3578, -21.6473.



This preview shows how white text looks on a background with the HunterLab color 18.2533, -0.3578, -21.6473.

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

18.2533, -0.3578, -21.6473

Protanopia

18.3289, 3.4295, -19.9355

Deuteranopia

18.4723, 0.3924, -21.1091



Tritanopia

18.3682, -8.9910, -3.5497

Trichromacy



Original Color

18.2533, -0.3578, -21.6473

Protanomaly

18.1482, 1.7119, -21.1224

Deuteranomaly

18.3941, 0.1256, -21.3001

Tritanomaly

18.2094, -6.0926, -9.4097

Monochromacy



Original Color

18.2533, -0.3578, -21.6473

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.8532, -2.4700, -6.2626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2533, -0.3578, -21.6473 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 `rgb(2, 53, 92)` looks like.

```
.text, #text, p{  
    color:rgb(2, 53, 92)  
}
```

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 rgb(2, 53, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 53, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2533, -0.3578, -21.6473 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 rgb(2, 53, 92) }
```


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

```
.border{ border-color:rgb(2, 53, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 53, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 53, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 53, 92); box-shadow:4px  
4px 4px 4px rgb(2, 53, 92) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.2533, -0.3578, -21.6473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 53, 92) }
```

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

```
.background{ background-color: rgb(2, 53,  
92) }
```

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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