

Converting Colors

HunterLab(18.5309, -4.3852,
-4.1092)

Have a look what the booklet for
HunterLab(18.5309, -4.3852,
-4.1092) contains.

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Color

**HunterLab(18.5091, -4.2423,
-4.2065)**

Conversions

Conversions Part 1

Format	Color
Hex	213740
RGB	33, 55, 64
RGB Percent	13%, 22%, 25%
CMY	0.8706, 0.7843, 0.7490
CMYK	0.48, 0.14, 0.00, 0.75
HSL	197°, 32%, 19%
HSV	197°, 48%, 25%
XYZ	2.9188, 3.4259, 5.3579
YIQ	49.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

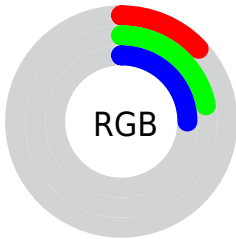
Format	Color
R_{YB}	33, 46, 64
Decimal	2176832
CIE _{Lab}	21.68, -5.81, -8.33
CIE _{LCh}	22, 10.161, 235.093
Yxy	3.4260, 0.2494, 0.2927
Android (android.graphics.Color)	4280366912 (0xFF213740)
YUV	49.4480, 7.1741, -14.4249
Hunter-Lab	18.5091, -4.2423, -4.2065

Details

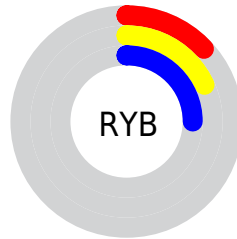
The HunterLab color **18.5091, -4.2423, -4.2065** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8991, 4.4056, 5.4417**, and the grayscale version is **17.6558, -0.9421, 0.9593**.

A 20% lighter version of the original color is **35.1210, -6.0610, -4.3429**, and **5.4523, -0.8824, -4.9101** is the 20% darker color. If you saturate the color by 10%, you get **17.7681, -4.5063, -5.3159**, and if you desaturate by 10%, it is **19.2918, -3.8414, -3.0871**.

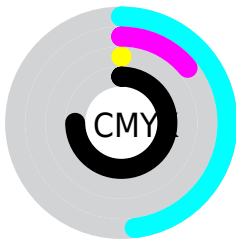
Distribution



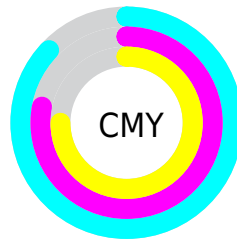
- Red (13%)
- Green (22%)
- Blue (25%)



- Red (13%)
- Yellow (18%)
- Blue (25%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5091, -4.2423, -4.2065 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 18.5091, -4.2423, -4.2065 by changing the saturation by 10% instead.

■ 18.5091, -4.2423,
-4.2065

■ 18.5091, -4.2423,
-4.2065

■ 115.4708,
-12.3116, -2.5045

■ 11.6532, -3.3748,
-4.0353

■ 35.0586, -5.9492,
-4.2715

■ 4.3062, -6.1137,
-7.7867

■ 44.5611, -6.8114,
-4.1883

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.7943, -7.6864,
-4.0397

0.0000, NaN, NaN

■ 65.7093, -8.5766,
-3.8322

0.0000, NaN, NaN

■ 77.2660, -9.4835,
-3.5710

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4305, -10.4079,

-3.2604

0.0000, NaN, NaN

102.1738,
-11.3506, -2.9039

18.5091, -4.2423,
-4.2065

18.5091, -4.2423,
-4.2065

17.7681, -4.5063,
-5.3159

19.2918, -3.8414,
-3.0871

17.0694, -4.6239,
-6.4110

20.1130, -3.3133,
-1.9631

16.4148, -4.5880,
-7.4856

20.9711, -2.6685,
-0.8379

15.8011, -4.4093,
-8.5411

21.8641, -1.9173,
0.2855

15.1925, -4.2199,
-9.6419

22.7898, -1.0695,
1.4051

■ 15.0969, -4.1922,
-9.8202

■ 23.7463, -0.1342,
2.5192

■ 24.7318, 0.8803,
3.6267

■ 25.7444, 1.9663,
4.7271

■ 26.7827, 3.1169,
5.8201

Harmonies

Analogous

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



18.5095, -6.0301, -1.5318



18.5091, -4.2423, -4.2065



18.5095, -1.4901, -5.4953

Triad

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



18.5095, -4.2424, -4.2062



18.5095, 5.2582, 0.5215



18.5095, -3.4228, 5.4003

Complementary

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



18.5091, -4.2423, -4.2065



16.8991, 4.4056, 5.4417

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.



18.5095, -0.4817, 5.7689



18.5091, -4.2423, -4.2065



18.5095, 4.6579, 3.2313

Square

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



18.5095, -4.2424, -4.2062



18.5095, 4.0978, -2.4971



18.5095, 2.5068, 5.0414



18.5095, -5.5789, 3.9376

Rectangle

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



18.5091, -4.2423, -4.2065



18.5095, 0.5715, -5.2653



18.5095, 2.5068, 5.0414



18.5095, -2.4987, 5.6450

Sweetspot

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



18.5095, -4.2424, -4.2062



27.9477, -3.2558, -0.6949



20.3858, -10.5037, 6.0656



14.6141, -1.7542, -0.4352



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



18.5095, -4.2424, -4.2062



23.2028, -5.9871, -7.3187



14.8060, 1.8422, -10.2682



11.9472, -1.0540, 0.1480



22.5589, -5.7156, -15.8584



55.0339, -12.1393, -42.5824

Inverse Universe

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



15.6641, 10.7385, -3.8413



18.8575, 17.9786, -6.2734



20.3819, -1.8098, 8.3417



11.6247, 0.4691, 0.1333



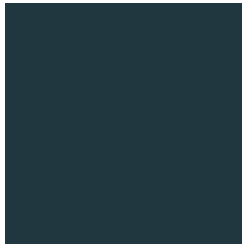
17.2125, 31.9565, -8.0987



42.9224, 79.3582, -17.6309

Previews

White Background



This preview shows how the HunterLab color 18.5091, -4.2423, -4.2065 looks on a white background.

Color Contrast Check

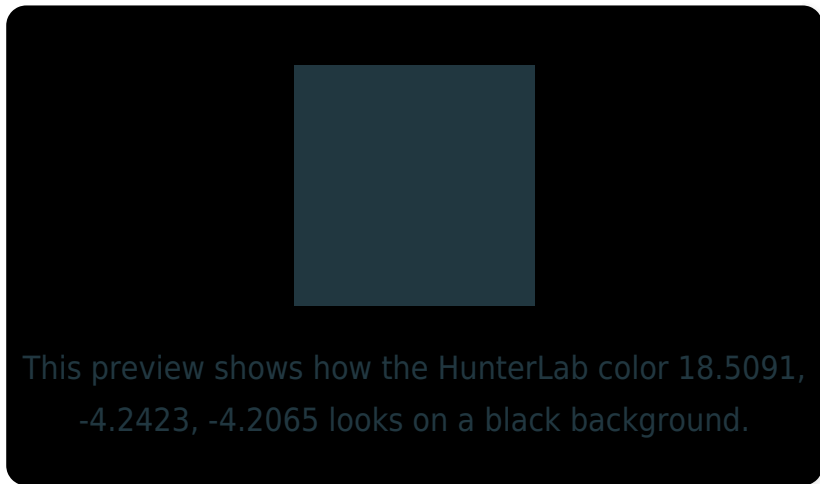
Large Text (above 18pt) WCAG AA ✓ Pass

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

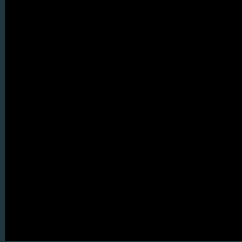
Any Text WCAG AA × Fail

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](#).

HunterLab 18.5091, -4.2423, -4.2065 Background



This preview shows how black text looks on a background with the HunterLab color 18.5091, -4.2423, -4.2065.



This preview shows how white text looks on a background with the HunterLab color 18.5091, -4.2423, -4.2065.

-4.2065.

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

18.5091, -4.2423, -4.2065

Protanopia

18.4216, 0.4040, -3.3097

Deuteranopia

18.5133, 0.8980, -4.5926



Tritanopia

18.6056, -5.4526, -2.2538

Trichromacy



Original Color

18.5091, -4.2423, -4.2065

Protanomaly

18.3039, -1.1775, -3.9745

Deuteranomaly

18.3660, -0.8372, -4.8421

Tritanomaly

18.6342, -5.2888, -2.6574

Monochromacy



Original Color

18.5091, -4.2423, -4.2065

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7414, -2.4139, -0.7734

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5091, -4.2423, -4.2065 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(33, 55, 64)` looks like.

```
.text, #text, p{  
    color:rgb(33, 55, 64)  
}
```

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(33, 55, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 55, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5091, -4.2423, -4.2065 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(33, 55, 64) }
```


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

```
.border{ border-color:rgb(33, 55, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 55, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 55, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 55, 64);  
box-shadow:4px 4px 4px 4px rgb(33, 55, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5091, -4.2423, -4.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 55, 64) }
```

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

```
.background{ background-color: rgb(33, 55,  
64) }
```

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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