

Converting Colors

HunterLab(16.5275, 5.2701,
-22.0704)

Have a look what the booklet for
HunterLab(16.5275, 5.2701,
-22.0704) contains.

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Color

**HunterLab(16.4535, 5.3718,
-22.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2B57
RGB	31, 43, 87
RGB Percent	12%, 17%, 34%
CMY	0.8784, 0.8314, 0.6588
CMYK	0.64, 0.51, 0.00, 0.66
HSL	227°, 47%, 23%
HSV	227°, 64%, 34%
XYZ	3.1492, 2.7072, 9.3734
YIQ	44.4280, -21.2760, 11.1400

Conversions

Conversions Part 2

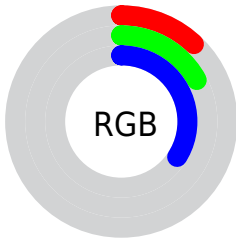
Format	Color
R_{YB}	31, 41, 87
Decimal	2042711
CIE _{Lab}	18.83, 10.46, -28.26
CIE _{LCh}	19, 30.130, 290.315
Yxy	2.7073, 0.2068, 0.1778
Android (android.graphics.Color)	4280232791 (0xFF1F2B57)
YUV	44.4280, 20.9880, -11.7764
Hunter-Lab	16.4535, 5.3718, -22.2594

Details

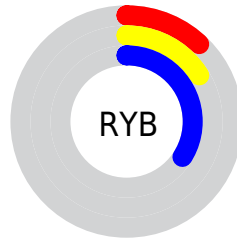
The HunterLab color **16.4535, 5.3718, -22.2594** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.7539, -2.1566, 13.5746**, and the grayscale version is **15.9496, -0.8510, 0.8666**.

A 20% lighter version of the original color is **32.4575, 5.8848, -23.1290**, and **4.0012, 10.8532, -28.4302** is the 20% darker color. If you saturate the color by 10%, you get **14.6078, 7.3527, -27.4675**, and if you desaturate by 10%, it is **18.4406, 3.7134, -17.5630**.

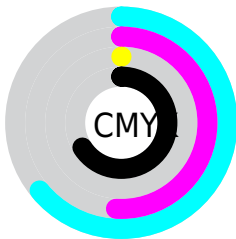
Distribution



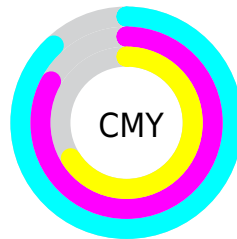
- Red (12%)
- Green (17%)
- Blue (34%)



- Red (12%)
- Yellow (16%)
- Blue (34%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (66%)



- Cyan (88%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4535, 5.3718, -22.2594 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 16.4535, 5.3718, -22.2594 by changing the saturation by 10% instead.

■ 16.4535, 5.3718,
-22.2594

■ 16.4535, 5.3718,
-22.2594

■ 111.6343, 5.2998,
-26.1974

■ 9.9040, 4.8948,
-22.3138

■ 32.4978, 5.9139,
-23.2258

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.7820, 6.0306,
-23.7878

0.0000, NaN, NaN

■ 51.8128, 6.0654,
-24.3206

0.0000, NaN, NaN

■ 62.5383, 6.0287,
-24.8063

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.9162, 5.9283,
-25.2380

0.0000, NaN, NaN

■ 85.9110, 5.7702,

0.0000, NaN, NaN

-25.6133

98.4924, 5.5594,
-25.9327

16.4535, 5.3718,
-22.2594

16.4535, 5.3718,
-22.2594

14.6078, 7.3527,
-27.4675

18.4406, 3.7134,
-17.5630

12.9354, 9.6916,
-33.1887

20.5434, 2.3264,
-13.3240

11.4568, 12.3278,
-39.3877

22.7434, 1.1627,
-9.4715

10.6854, 13.8275,
-43.2055

25.0262, 0.1805,
-5.9379

27.3808, -0.6539,
-2.6646

■ 29.7987, -1.3678,
0.3971

■ 32.2730, -1.9826,
3.2865

■ 34.7982, -2.5152,
6.0353

■ 37.3700, -2.9792,
8.6692

Harmonies

Analogous

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



16.4538, -3.6120, -23.9438



16.4535, 5.3718, -22.2594



16.4538, 14.1555, -12.9341

Triad

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



16.4538, 5.3721, -22.2589



16.4538, 11.2877, 9.1796



16.4538, -14.3847, 3.3648

Complementary

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



16.4535, 5.3718, -22.2594



26.7539, -2.1566, 13.5746

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.



16.4538, -11.9180, 8.1853



16.4535, 5.3718, -22.2594



16.4538, 2.0453, 10.8206

Square

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



16.4538, 5.3721, -22.2589



16.4538, 18.0352, 5.5355



16.4538, -6.3166, 10.4567



16.4538, -13.8600, -5.6779

Rectangle

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



16.4535, 5.3718, -22.2594



16.4538, 18.1243, -5.4515



16.4538, -6.3166, 10.4567



16.4538, -13.9015, 5.4223

Sweetspot

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



16.4538, 5.3721, -22.2589



34.1439, -0.3040, -5.6863



27.5934, -14.3988, 2.4988



16.5992, -0.0541, -3.1821



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.4538, 5.3721, -22.2589



17.9343, 11.1078, -39.6255



15.0648, 13.6457, -25.9658



14.5685, -0.5409, -0.4714



12.9395, 18.2502, -55.5701



28.7730, 49.4624, -142.7389

Inverse Universe

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



17.8348, 17.3968, 3.6962



20.9101, 27.7153, 6.5247



28.7403, -11.3913, 14.8356



14.5809, 0.4250, 0.8495



17.8708, 30.9492, 8.8737



42.2217, 72.8568, 23.0128

Previews

White Background



This preview shows how the HunterLab color 16.4535, 5.3718, -22.2594 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 16.4535, 5.3718, -22.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

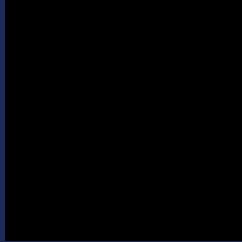
Any Text WCAG AA × Fail

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 16.4535, 5.3718, -22.2594 Background



This preview shows how black text looks on a background with the HunterLab color 16.4535, 5.3718, -22.2594.



This preview shows how white text looks on a background with the HunterLab color 16.4535, 5.3718, -22.2594.

-22.2594.

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

16.4535, 5.3718, -22.2594

Protanopia

16.3443, 4.0777, -24.1422

Deuteranopia

16.2549, -0.5591, -19.1103



Tritanopia

16.4762, -7.0418, -2.9774

Trichromacy



Original Color

16.4535, 5.3718, -22.2594

Protanomaly

16.4321, 4.2542, -23.1128

Deuteranomaly

16.3255, 1.1182, -20.3819

Tritanomaly

16.2719, -3.0311, -9.3751

Monochromacy



Original Color

16.4535, 5.3718, -22.2594

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.9967, 0.4935, -5.9790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4535, 5.3718, -22.2594 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(31, 43, 87)` looks like.

```
.text, #text, p{  
  color:rgb(31, 43, 87)  
}
```

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(31, 43, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 43, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4535, 5.3718, -22.2594 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(31, 43, 87) }
```


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

```
.border{ border-color:rgb(31, 43, 87) }
```

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

Here you see how a box with a 4 pixel rgb(31, 43, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 43, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 43, 87);  
box-shadow:4px 4px 4px 4px rgb(31, 43, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4535, 5.3718, -22.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 43, 87) }
```

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

```
.background{ background-color: rgb(31, 43,  
87) }
```

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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