

Converting Colors

HunterLab(19.8935, -1.8085,
-12.7713)

Have a look what the booklet for
HunterLab(19.8935, -1.8085,
-12.7713) contains.

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Color

**HunterLab(19.8935, -1.8085,
-12.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3A54
RGB	31, 58, 84
RGB Percent	12%, 23%, 33%
CMY	0.8784, 0.7725, 0.6706
CMYK	0.63, 0.31, 0.00, 0.67
HSL	209°, 46%, 23%
HSV	209°, 63%, 33%
XYZ	3.6784, 3.9575, 8.9575
YIQ	52.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

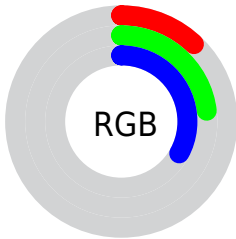
Format	Color
R_{YB}	31, 49, 84
Decimal	2046548
CIE _{Lab}	23.53, -1.26, -18.83
CIE _{LCh}	24, 18.870, 266.158
Yxy	3.9577, 0.2217, 0.2385
Android (android.graphics.Color)	4280236628 (0xFF1F3A54)
YUV	52.8910, 15.3367, -19.1984
Hunter-Lab	19.8935, -1.8085, -12.7713

Details

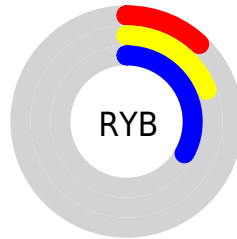
The HunterLab color **19.8935, -1.8085, -12.7713** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.1590, 4.4533, 10.2633**, and the grayscale version is **18.7877, -1.0025, 1.0208**.

A 20% lighter version of the original color is **36.7830, -2.9197, -13.7406**, and **6.9866, 1.4939, -11.9576** is the 20% darker color. If you saturate the color by 10%, you get **18.5601, -1.1453, -15.3774**, and if you desaturate by 10%, it is **21.3022, -2.2401, -10.2579**.

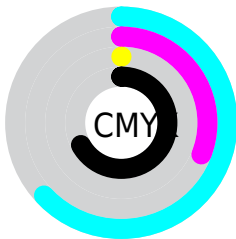
Distribution



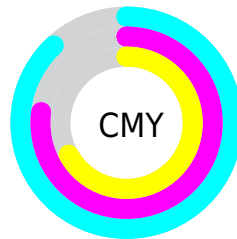
- Red (12%)
- Green (23%)
- Blue (33%)



- Red (12%)
- Yellow (19%)
- Blue (33%)



- Cyan (63%)
- Magenta (31%)
- Yellow (0%)
- Black (67%)



- Cyan (88%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8935, -1.8085, -12.7713 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 19.8935, -1.8085, -12.7713 by changing the saturation by 10% instead.

■ 19.8935, -1.8085,
-12.7713

■ 19.8935, -1.8085,
-12.7713

■ 117.9976, -7.6595,
-14.5125

■ 12.8449, -1.3291,
-12.3205

■ 36.7644, -2.8812,
-13.6018

■ 6.2522, -1.2153,
-14.3017

■ 46.4067, -3.4710,
-13.9220

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.7698, -4.0941,
-14.1736

0.0000, NaN, NaN

■ 67.8067, -4.7488,
-14.3592

0.0000, NaN, NaN

■ 79.4786, -5.4339,
-14.4823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7526, -6.1481,

-14.5466

0.0000, NaN, NaN

104.6005, -6.8903,
-14.5556

19.8935, -1.8085,
-12.7713

19.8935, -1.8085,
-12.7713

18.5601, -1.1453,
-15.3774

21.3022, -2.2401,
-10.2579

17.3083, -0.2287,
-18.0707

22.7784, -2.4645,
-7.8394

16.1351, 0.9233,
-20.8626

24.3159, -2.5051,
-5.5122

15.3387, 1.7450,
-22.9390

25.9092, -2.3838,
-3.2705

27.5533, -2.1203,
-1.1076

■ 29.2437, -1.7318,
0.9841

■ 30.9766, -1.2332,
3.0120

■ 32.7486, -0.6374,
4.9830

■ 34.5568, 0.0446,
6.9037

Harmonies

Analogous

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



19.8939, -6.9302, -9.9703



19.8935, -1.8085, -12.7713



19.8939, 4.1260, -11.0681

Triad

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



19.8939, -1.8084, -12.7709



19.8939, 10.0361, 5.2347



19.8939, -9.5457, 6.1546

Complementary

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



19.8935, -1.8085, -12.7713



22.1590, 4.4533, 10.2633

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.



19.8939, -5.7685, 8.4752



19.8935, -1.8085, -12.7713



19.8939, 5.5754, 8.0614

Square

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



19.8939, -1.8084, -12.7709



19.8939, 11.4074, 0.3547



19.8939, -0.3055, 9.0566



19.8939, -11.0600, 1.7845

Rectangle

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



19.8935, -1.8085, -12.7713



19.8939, 7.6883, -7.8135



19.8939, -0.3055, 9.0566



19.8939, -8.5214, 7.1453

Sweetspot

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



19.8939, -1.8084, -12.7709



34.9832, -3.0511, -3.3295



26.3129, -15.7613, 7.3279



17.5099, -1.5724, -1.9501



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.



19.8939, -1.8084, -12.7709



23.6004, -0.8857, -22.2828



13.9940, 9.6803, -26.7442



14.0879, -0.9777, -0.0882



18.9228, 2.8416, -29.7860



43.4004, 10.7323, -77.4146

Inverse Universe

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



17.8057, 18.0620, -2.0417



21.1477, 29.0848, -2.1392



28.6151, -6.3746, 14.8346



13.8501, 0.5365, 0.4016



17.9876, 32.2466, 0.4426



42.9851, 76.6680, 4.0974

Previews

White Background



This preview shows how the HunterLab color 19.8935, -1.8085, -12.7713 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

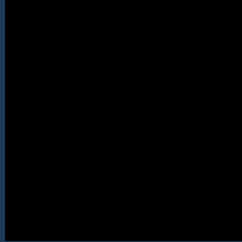
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

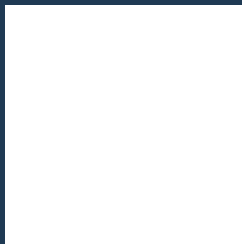
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.8935, -1.8085, -12.7713 Background



This preview shows how black text looks on a background with the HunterLab color 19.8935, -1.8085, -12.7713.



This preview shows how white text looks on a background with the HunterLab color 19.8935, -1.8085, -12.7713.

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

19.8935, -1.8085, -12.7713

Protanopia

19.8643, 1.7337, -11.5555

Deuteranopia

19.9945, 1.1668, -13.1439



Tritanopia

19.7520, -7.6085, -3.4338

Trichromacy



Original Color

19.8935, -1.8085, -12.7713

Protanomaly

19.8098, 0.3839, -12.2798

Deuteranomaly

20.0336, 0.0423, -13.0897

Tritanomaly

19.7975, -5.6191, -6.7765

Monochromacy



Original Color

19.8935, -1.8085, -12.7713

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.1323, -2.0047, -3.2773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8935, -1.8085, -12.7713 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, 58, 84)` looks like.

```
.text, #text, p{  
    color:rgb(31, 58, 84)  
}
```

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, 58, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 58, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8935, -1.8085, -12.7713 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, 58, 84) }
```


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

```
.border{ border-color:rgb(31, 58, 84) }
```

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

Here you see how a box with a 4 pixel rgb(31, 58, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 58, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 58, 84);  
box-shadow:4px 4px 4px 4px rgb(31, 58, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8935, -1.8085, -12.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 58, 84) }
```

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

```
.background{ background-color: rgb(31, 58,  
84) }
```

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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