

Converting Colors

HunterLab(19.8428, -1.6620,
-15.3887)

Have a look what the booklet for
HunterLab(19.8428, -1.6620,
-15.3887) contains.

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Color

**HunterLab(19.8428, -1.6620,
-15.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	193A58
RGB	25, 58, 88
RGB Percent	10%, 23%, 35%
CMY	0.9019, 0.7725, 0.6549
CMYK	0.72, 0.34, 0.00, 0.65
HSL	209°, 56%, 22%
HSV	209°, 72%, 35%
XYZ	3.6754, 3.9374, 9.7988
YIQ	51.5530, -29.2980, 2.3340

Conversions

Conversions Part 2

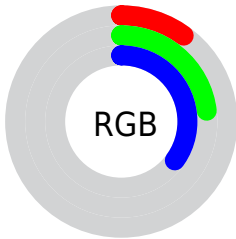
Format	Color
R_{YB}	25, 47, 88
Decimal	1653336
CIE _{Lab}	23.46, -1.02, -21.59
CIE _{LCh}	23, 21.609, 267.295
Yxy	3.9375, 0.2111, 0.2261
Android (android.graphics.Color)	4279843416 (0xFF193A58)
YUV	51.5530, 17.9684, -23.2870
Hunter-Lab	19.8428, -1.6620, -15.3887

Details

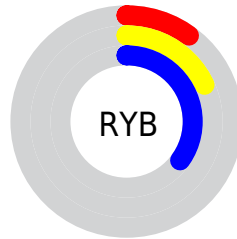
The HunterLab color **19.8428, -1.6620, -15.3887** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.0853, 6.3399, 11.2503**, and the grayscale version is **18.3296, -0.9780, 0.9959**.

A 20% lighter version of the original color is **36.7078, -2.8734, -16.2679**, and **7.1331, 2.2498, -13.7724** is the 20% darker color. If you saturate the color by 10%, you get **18.5398, -0.7785, -18.1152**, and if you desaturate by 10%, it is **21.2308, -2.2811, -12.7410**.

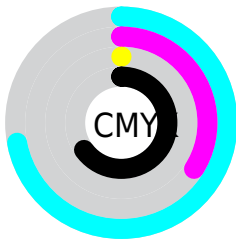
Distribution



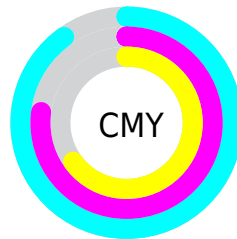
- Red (10%)
- Green (23%)
- Blue (35%)



- Red (10%)
- Yellow (18%)
- Blue (35%)



- Cyan (72%)
- Magenta (34%)
- Yellow (0%)
- Black (65%)



- Cyan (90%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8428, -1.6620, -15.3887 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 19.8428, -1.6620, -15.3887 by changing the saturation by 10% instead.

■ 19.8428, -1.6620,
-15.3887

■ 19.8428, -1.6620,
-15.3887

■ 117.9058, -7.3924,
-17.8683

■ 12.8010, -1.2028,
-14.9478

■ 36.7021, -2.7008,
-16.3396

■ 6.1924, -1.0485,
-17.5167

■ 46.3394, -3.2758,
-16.7430

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.6978, -3.8851,
-17.0827

0.0000, NaN, NaN

■ 67.7304, -4.5270,
-17.3583

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.3981, -5.1999,
-17.5718

0.0000, NaN, NaN

■ 91.6681, -5.9026,

-17.7259

0.0000, NaN, NaN

104.5122, -6.6337,
-17.8238

19.8428, -1.6620,
-15.3887

19.8428, -1.6620,
-15.3887

18.5398, -0.7785,
-18.1152

21.2308, -2.2811,
-12.7410

17.3239, 0.3732,
-20.9166

22.6956, -2.6590,
-10.1810

16.3277, 1.4046,
-23.4403

24.2307, -2.8202,
-7.7098

25.8297, -2.7889,
-5.3254

27.4868, -2.5878,
-3.0231

■ 29.1971, -2.2370,
-0.7966

■ 30.9558, -1.7545,
1.3608

■ 32.7591, -1.1557,
3.4559

■ 34.6034, -0.4542,
5.4952

Harmonies

Analogous

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



19.8431, -7.5274, -12.1793



19.8428, -1.6620, -15.3887



19.8431, 5.1732, -13.1155

Triad

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



19.8431, -1.6618, -15.3883



19.8431, 11.6777, 5.9015



19.8431, -10.7432, 6.6079

Complementary

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



19.8428, -1.6620, -15.3887



22.0853, 6.3399, 11.2503

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.



19.8431, -6.6074, 9.1532



19.8428, -1.6620, -15.3887



19.8431, 6.3595, 8.8502

Square

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



19.8431, -1.6618, -15.3883



19.8431, 13.4515, 0.4953



19.8431, -0.4506, 9.8131



19.8431, -12.3185, 1.6476

Rectangle

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



19.8428, -1.6620, -15.3887



19.8431, 9.2762, -9.1090



19.8431, -0.4506, 9.8131



19.8431, -9.6355, 7.7030

Sweetspot

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



19.8431, -1.6618, -15.3883



36.3233, -3.4259, -4.0299



27.3063, -17.9379, 8.8262



18.0935, -1.7543, -2.2847



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



19.8431, -1.6618, -15.3883



23.3399, 0.0505, -26.6283



13.0381, 12.1871, -33.7374



14.8806, -1.0592, -0.0902



19.7523, 2.2866, -29.6247



44.8461, 9.1094, -75.7182

Inverse Universe

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



17.5375, 21.5845, -2.3491



21.0114, 33.3984, -1.7900



29.6389, -6.5795, 16.3080



14.6127, 0.5963, 0.3965



18.4892, 33.2127, -0.0637



43.6134, 77.9613, 2.8174

Previews

White Background



This preview shows how the HunterLab color 19.8428, -1.6620, -15.3887 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

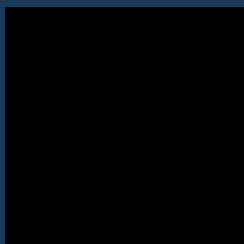
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

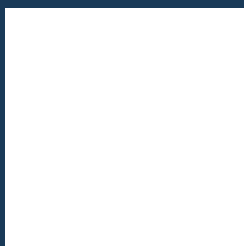
Any Text WCAG AAA × Fail

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

HunterLab 19.8428, -1.6620, -15.3887 Background



This preview shows how black text looks on a background with the HunterLab color 19.8428, -1.6620, -15.3887.



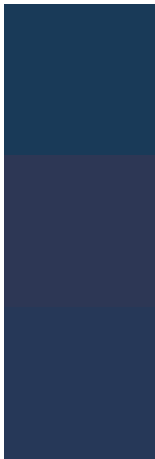
This preview shows how white text looks on a background with the HunterLab color 19.8428, -1.6620, -15.3887.

-15.3887.

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

19.8428, -1.6620, -15.3887

Protanopia

19.8649, 1.9706, -13.3760

Deuteranopia

19.8620, 0.9644, -15.3042



Tritanopia

19.6227, -9.4537, -4.1189

Trichromacy



Original Color

19.8428, -1.6620, -15.3887

Protanomaly

19.7795, 0.5200, -14.1935

Deuteranomaly

19.8851, -0.2231, -15.2788

Tritanomaly

19.7574, -7.0074, -7.9240

Monochromacy



Original Color

19.8428, -1.6620, -15.3887

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.7409, -2.0498, -4.3094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8428, -1.6620, -15.3887 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(25, 58, 88)` looks like.

```
.text, #text, p{  
    color:rgb(25, 58, 88)  
}
```

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(25, 58, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 58, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8428, -1.6620, -15.3887 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(25, 58, 88) }
```


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

```
.border{ border-color:rgb(25, 58, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 58, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 58, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 58, 88);  
box-shadow:4px 4px 4px 4px rgb(25, 58, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8428, -1.6620, -15.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 58, 88) }
```

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

```
.background{ background-color: rgb(25, 58,  
88) }
```

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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