

Converting Colors

HunterLab(20.1376, -8.5531,
-21.8081)

Have a look what the booklet for
HunterLab(20.1376, -8.5531,
-21.8081) contains.

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Color

**HunterLab(21.3275, -3.5273,
-19.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	004062
RGB	0, 64, 98
RGB Percent	0%, 25%, 38%
CMY	1.0000, 0.7490, 0.6157
CMYK	1.00, 0.35, 0.00, 0.62
HSL	201°, 100%, 19%
HSV	201°, 100%, 38%
XYZ	4.0380, 4.5486, 12.2204
YIQ	48.7400, -49.0580, -2.9940

Conversions

Conversions Part 2

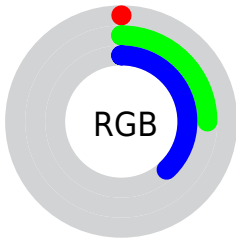
Format	Color
RYB	0, 39, 98
Decimal	16482
CIELab	25.41, -4.02, -25.08
CIELCh	25, 25.399, 260.903
Yxy	4.5488, 0.1941, 0.2186
Android (android.graphics.Color)	4278206562 (0xFF004062)
YUV	48.7400, 24.2852, -42.7450
Hunter-Lab	21.3275, -3.5273, -19.0432

Details

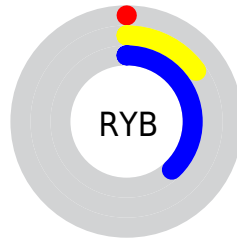
The HunterLab color **21.3275, -3.5273, -19.0432** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.3423, 17.9168, 12.2315**, and the grayscale version is **17.3729, -0.9270, 0.9439**.

A 20% lighter version of the original color is **38.3824, -4.7400, -20.3541**, and **9.0157, 1.7334, -15.0109** is the 20% darker color. If you saturate the color by 10%, you get **21.3269, -3.5262, -19.0447**, and if you desaturate by 10%, it is **22.3770, -4.3924, -16.9054**.

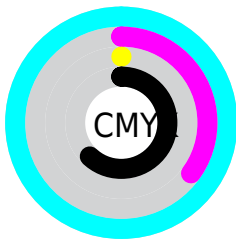
Distribution



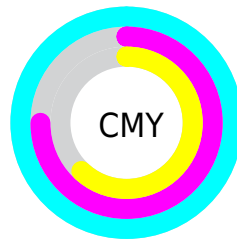
- Red (0%)
- Green (25%)
- Blue (38%)



- Red (0%)
- Yellow (15%)
- Blue (38%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3275, -3.5273, -19.0432 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 21.3275, -3.5273, -19.0432 by changing the saturation by 10% instead.

■ 21.3275, -3.5273,
-19.0432

■ 21.3275, -3.5273,
-19.0432

■ 120.5725,
-10.7600, -22.2519

■ 14.0891, -2.8172,
-18.6259

■ 38.5173, -4.9866,
-20.0892

■ 7.7379, -2.6747,
-19.4263

■ 48.2989, -5.7454,
-20.5702

0.0000, NaN, -NF

■ 58.7919, -6.5256,
-20.9963

0.0000, NaN, NaN

■ 69.9508, -7.3281,
-21.3631

0.0000, NaN, NaN

■ 81.7381, -8.1528,
-21.6703

0.0000, NaN, NaN

■ 94.1218, -8.9999,

0.0000, NaN, NaN

-21.9194

0.0000, NaN, NaN

107.0746, -9.8690,
-22.1124

21.3275, -3.5273,
-19.0432

21.3275, -3.5273,
-19.0432

21.3269, -3.5262,
-19.0447

22.3770, -4.3924,
-16.9054

23.4685, -5.1257,
-14.8215

24.6446, -5.5718,
-12.7116

25.9029, -5.7378,
-10.5886

27.2400, -5.6384,
-8.4646

■ 28.6515, -5.2928,
-6.3498

■ 30.1328, -4.7218,
-4.2515

■ 31.6793, -3.9466,
-2.1751

■ 33.2864, -2.9876,
-0.1238

Harmonies

Analogous

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



21.3278, -10.0328, -13.6817



21.3275, -3.5273, -19.0432



21.3278, 4.6568, -17.6343

Triad

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



21.3278, -3.5270, -19.0427



21.3278, 15.2950, 5.7665



21.3278, -11.8523, 8.5044

Complementary

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



21.3275, -3.5273, -19.0432



19.3423, 17.9168, 12.2315

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.



21.3278, -6.3754, 10.8317



21.3275, -3.5273, -19.0432



21.3278, 9.5029, 9.7063

Square

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



21.3278, -3.5270, -19.0427



21.3278, 16.3576, -1.2956



21.3278, 1.3586, 11.1706



21.3278, -14.3494, 3.3561

Rectangle

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



21.3275, -3.5273, -19.0432



21.3278, 9.9472, -13.1997



21.3278, 1.3586, 11.1706



21.3278, -10.3406, 9.5487

Sweetspot

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



21.3278, -3.5270, -19.0427



39.7088, -6.3305, -5.8781



29.7380, -24.2035, 15.0797



19.0851, -3.2014, -3.2489



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



21.3278, -3.5270, -19.0427



27.8784, -4.1162, -25.9598



11.2368, 18.3826, -53.7249



16.6088, -1.4236, 0.0524



24.4439, -3.8099, -22.3282



54.9814, -6.4123, -54.8796

Inverse Universe

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



17.2251, 31.6447, -5.5280



22.7576, 41.7352, -6.7052



29.2940, -2.3381, 18.0094



16.1704, 0.7857, 0.2067



19.8558, 36.4443, -6.0896



45.7069, 83.5653, -11.4795

Previews

White Background



This preview shows how the HunterLab color 21.3275, -3.5273, -19.0432 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 21.3275, -3.5273, -19.0432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

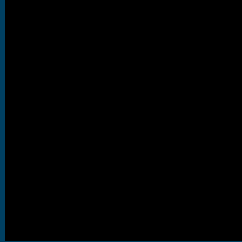
Any Text WCAG AA × Fail

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 21.3275, -3.5273, -19.0432 Background



This preview shows how black text looks on a background with the HunterLab color 21.3275, -3.5273, -19.0432.



This preview shows how white text looks on a background with the HunterLab color 21.3275, -3.5273, -19.0432.

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

21.3275, -3.5273, -19.0432

Protanopia

21.6061, 2.3004, -15.7056

Deuteranopia

21.5648, 1.3325, -19.1434



Tritanopia

21.4526, -10.6094, -3.9112

Trichromacy



Original Color

21.3275, -3.5273, -19.0432

Protanomaly

21.1069, -0.5775, -17.4160

Deuteranomaly

21.3080, -0.8362, -19.7308

Tritanomaly

21.4672, -8.5285, -8.4215

Monochromacy



Original Color

21.3275, -3.5273, -19.0432

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.2617, -3.6375, -6.0515

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3275, -3.5273, -19.0432 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(0, 64, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 98)  
}
```

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(0, 64, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3275, -3.5273, -19.0432 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(0, 64, 98) }
```


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

```
.border{ border-color:rgb(0, 64, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 98); box-shadow:4px  
4px 4px 4px rgb(0, 64, 98) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3275, -3.5273, -19.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 98) }
```

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

```
.background{ background-color: rgb(0, 64,  
98) }
```

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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