

Converting Colors

HunterLab(21.0130, -2.1996,
-21.1681)

Have a look what the booklet for
HunterLab(21.0130, -2.1996,
-21.1681) contains.

HunterLab(20.9243, -2.0857, -21.3060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(20.9243, -2.0857,
-21.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	023E64
RGB	2, 62, 100
RGB Percent	1%, 24%, 39%
CMY	0.9921, 0.7569, 0.6078
CMYK	0.98, 0.38, 0.00, 0.61
HSL	203°, 96%, 20%
HSV	203°, 98%, 39%
XYZ	4.0479, 4.3783, 12.6883
YIQ	48.3920, -47.9580, -0.9020

Conversions

Conversions Part 2

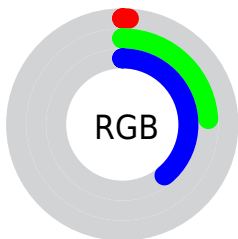
Format	Color
R_{YB}	2, 39, 100
Decimal	147044
CIE _{Lab}	24.88, -1.62, -27.20
CIE _{LCh}	25, 27.246, 266.600
Yxy	4.3784, 0.1917, 0.2074
Android (android.graphics.Color)	4278337124 (0xFF023E64)
YUV	48.3920, 25.4427, -40.6858
Hunter-Lab	20.9243, -2.0857, -21.3060

Details

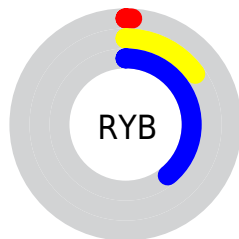
The HunterLab color **20.9243, -2.0857, -21.3060** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.5719, 16.2837, 12.7950**, and the grayscale version is **17.2532, -0.9206, 0.9374**.

A 20% lighter version of the original color is **37.9481, -3.1975, -22.4166**, and **8.7026, 3.0819, -17.5305** is the 20% darker color. If you saturate the color by 10%, you get **20.6911, -1.8673, -21.8311**, and if you desaturate by 10%, it is **22.0921, -3.1652, -18.7997**.

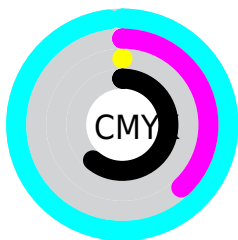
Distribution



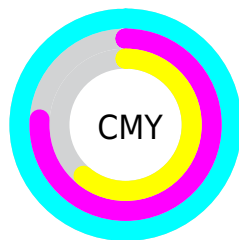
- Red (1%)
- Green (24%)
- Blue (39%)



- Red (1%)
- Yellow (15%)
- Blue (39%)



- Cyan (98%)
- Magenta (38%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9243, -2.0857, -21.3060 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 20.9243, -2.0857, -21.3060 by changing the saturation by 10% instead.

■ 20.9243, -2.0857,
-21.3060

■ 20.9243, -2.0857,
-21.3060

■ 119.8526, -8.1439,
-24.9592

■ 13.7383, -1.5724,
-20.9648

■ 38.0257, -3.2155,
-22.3814

■ 7.3538, -1.3504,
-22.5612

■ 47.7687, -3.8306,
-22.9094

0.0000, NaN, -NF

■ 58.2257, -4.4772,
-23.3910

0.0000, NaN, -NF

■ 69.3507, -5.1542,
-23.8177

0.0000, NaN, NaN

■ 81.1059, -5.8604,
-24.1872

0.0000, NaN, NaN

■ 93.4591, -6.5947,

0.0000, NaN, NaN

0.0000, NaN, NaN

-24.4996

0.0000, NaN, NaN

106.3827, -7.3562,
-24.7563

20.9243, -2.0857,
-21.3060

20.9243, -2.0857,
-21.3060

20.6911, -1.8673,
-21.8311

22.0921, -3.1652,
-18.7997

23.3254, -4.0383,
-16.3443

24.6500, -4.6083,
-13.8910

26.0621, -4.8882,
-11.4546

27.5563, -4.8977,
-9.0468

■ 29.1272, -4.6596,
-6.6756

■ 30.7691, -4.1978,
-4.3462

■ 32.4767, -3.5352,
-2.0607

■ 34.2452, -2.6932,
0.1803

Harmonies

Analogous

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



20.9246, -9.4322, -16.6108



20.9243, -2.0857, -21.3060



20.9246, 6.7771, -18.2646

Triad

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



20.9246, -2.0853, -21.3055



20.9246, 15.7345, 7.0086



20.9246, -13.1660, 8.0570

Complementary

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



20.9243, -2.0857, -21.3060



20.5719, 16.2837, 12.7950

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.



20.9246, -7.9916, 10.8618



20.9243, -2.0857, -21.3060



20.9246, 8.7399, 10.4498

Square

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



20.9246, -2.0853, -21.3055



20.9246, 17.9864, 0.1885



20.9246, -0.1320, 11.5179



20.9246, -15.1481, 2.0469

Rectangle

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



20.9243, -2.0857, -21.3060



20.9246, 12.2401, -12.7344



20.9246, -0.1320, 11.5179



20.9246, -11.7875, 9.2961

Sweetspot

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



20.9246, -2.0853, -21.3055



40.3289, -5.6928, -6.3235



30.4593, -24.2476, 14.5104



19.6689, -2.9246, -3.6084



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



20.9246, -2.0853, -21.3055



27.0084, -1.8382, -29.7900



11.1013, 20.3704, -57.1957



17.3667, -1.4173, -0.0161



23.7567, -1.8568, -25.6854



52.6328, -1.5472, -62.4465

Inverse Universe

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



17.6091, 31.4942, -3.9432



23.0723, 41.9979, -4.3607



31.2840, -4.5180, 19.0885



16.9468, 0.8169, 0.2822



20.1824, 36.7696, -4.0643



45.9014, 83.2867, -6.6116

Previews

White Background



This preview shows how the HunterLab color 20.9243, -2.0857, -21.3060 looks on a white background.

Color Contrast Check

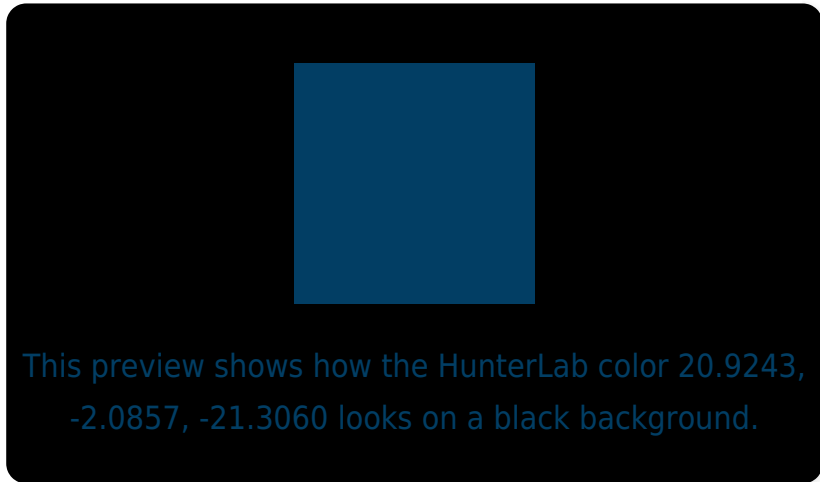
Large Text (above 18pt) WCAG AA ✓ Pass

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

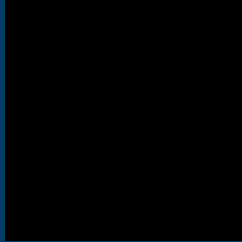
Any Text WCAG AA × Fail

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 20.9243, -2.0857, -21.3060 Background



This preview shows how black text looks on a background with the HunterLab color 20.9243, -2.0857, -21.3060.



This preview shows how white text looks on a background with the HunterLab color 20.9243, -2.0857, -21.3060.

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

20.9243, -2.0857, -21.3060

Protanopia

21.0349, 3.1528, -18.8601

Deuteranopia

21.0787, 1.0600, -20.9055



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

20.9243, -2.0857, -21.3060

Protanomaly

20.6664, 0.7603, -20.4033

Deuteranomaly

20.9912, -0.5309, -21.1286

Tritanomaly

20.9672, -7.5278, -9.7848

Monochromacy



Original Color

20.9243, -2.0857, -21.3060

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

18.0077, -3.2501, -6.4444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9243, -2.0857, -21.3060 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(2, 62, 100)` looks like.

```
.text, #text, p{  
    color:rgb(2, 62, 100)  
}
```

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(2, 62, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 62, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9243, -2.0857, -21.3060 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(2, 62, 100) }
```


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

```
.border{ border-color:rgb(2, 62, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 62, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 62, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 62, 100);  
box-shadow:4px 4px 4px 4px rgb(2, 62, 100)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9243, -2.0857, -21.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 62, 100) }
```

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

```
.background{ background-color: rgb(2, 62,  
100) }
```

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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