

Converting Colors

HunterLab(20.2490, -2.0080,
-9.1415)

Have a look what the booklet for
HunterLab(20.2490, -2.0080,
-9.1415) contains.

HunterLab(20.3071, -2.0302, -9.1196)	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(20.3071, -2.0302,
-9.1196)**

Conversions

Conversions Part 1

Format	Color
Hex	273B4F
RGB	39, 59, 79
RGB Percent	15%, 23%, 31%
CMY	0.8471, 0.7686, 0.6902
CMYK	0.51, 0.25, 0.00, 0.69
HSL	210°, 34%, 23%
HSV	210°, 51%, 31%
XYZ	3.8120, 4.1238, 7.9922
YIQ	55.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

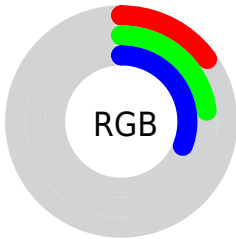
Format	Color
RYB	39, 52, 79
Decimal	2571087
CIELab	24.08, -1.60, -14.64
CIELCh	24, 14.729, 263.783
Yxy	4.1239, 0.2393, 0.2589
Android (android.graphics.Color)	4280761167 (0xFF273B4F)
YUV	55.3000, 11.6841, -14.2951
Hunter-Lab	20.3071, -2.0302, -9.1196

Details

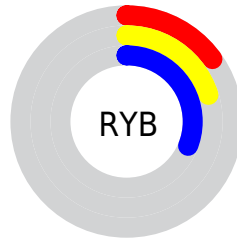
The HunterLab color **20.3071, -2.0302, -9.1196** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.2190, 2.5283, 8.6131**, and the grayscale version is **19.6144, -1.0466, 1.0657**.

A 20% lighter version of the original color is **37.2731, -3.0631, -9.5714**, and **7.0138, 0.1623, -9.1170** is the 20% darker color. If you saturate the color by 10%, you get **18.9595, -1.6579, -11.4787**, and if you desaturate by 10%, it is **21.7167, -2.2175, -6.8527**.

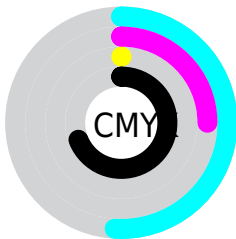
Distribution



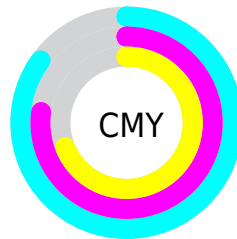
- Red (15%)
- Green (23%)
- Blue (31%)



- Red (15%)
- Yellow (20%)
- Blue (31%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (69%)



- Cyan (85%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3071, -2.0302, -9.1196 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 20.3071, -2.0302, -9.1196 by changing the saturation by 10% instead.

■ 20.3071, -2.0302,
-9.1196

■ 20.3071, -2.0302,
-9.1196

■ 118.7446, -8.0568,
-9.5521

■ 13.2028, -1.5219,
-8.7314

■ 37.2714, -3.1521,
-9.6852

■ 6.7183, -1.3934,
-9.6524

■ 46.9544, -3.7633,
-9.8537

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.3555, -4.4063,
-9.9517

0.0000, NaN, NaN

■ 68.4280, -5.0798,
-9.9844

0.0000, NaN, NaN

■ 80.1336, -5.7826,
-9.9567

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4396, -6.5137,

-9.8730

0.0000, NaN, NaN

105.3181, -7.2721,
-9.7370

20.3071, -2.0302,
-9.1196

20.3071, -2.0302,
-9.1196

18.9595, -1.6579,
-11.4787

21.7167, -2.2175,
-6.8527

17.6793, -1.0777,
-13.9326

23.1813, -2.2412,
-4.6746

16.4735, -0.2679,
-16.4773

24.6963, -2.1212,
-2.5784

15.3450, 0.7752,
-19.1123

26.2571, -1.8750,
-0.5566

14.3130, 1.8071,
-21.7910

27.8598, -1.5179,
1.3981

■ 29.5009, -1.0632,
3.2930

■ 31.1774, -0.5222,
5.1349

■ 32.8867, 0.0954,
6.9302

■ 34.6265, 0.7812,
8.6843

Harmonies

Analogous

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



20.3075, -6.0337, -6.8878



20.3071, -2.0302, -9.1196



20.3075, 2.5928, -8.1595

Triad

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



20.3075, -2.0303, -9.1192



20.3075, 7.6252, 4.2038



20.3075, -7.7167, 5.4610

Complementary

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



20.3071, -2.0302, -9.1196



22.2190, 2.5283, 8.6131

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.



20.3075, -4.5177, 7.3777



20.3071, -2.0302, -9.1196



20.3075, 4.3890, 6.7724

Square

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



20.3075, -2.0303, -9.1192



20.3075, 8.4397, 0.1764



20.3075, -0.1214, 7.7981



20.3075, -9.1239, 1.9925

Rectangle

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



20.3071, -2.0302, -9.1196



20.3075, 5.3798, -5.9262



20.3075, -0.1214, 7.7981



20.3075, -6.8297, 6.2742

Sweetspot

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



20.3075, -2.0303, -9.1192



33.2249, -2.6206, -2.0048



25.1777, -12.7091, 5.5479



16.4731, -1.3253, -1.1451



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



20.3075, -2.0303, -9.1192



24.2868, -1.9976, -15.7568



15.6431, 6.5564, -18.2827



13.3086, -0.9071, -0.0790



18.2399, 3.1354, -29.5666



42.2960, 11.7166, -78.1590

Inverse Universe

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



18.5182, 13.2782, -1.6049



21.8657, 21.8563, -2.2578



27.2044, -5.7016, 12.4797



13.0950, 0.4809, 0.3976



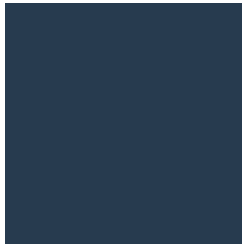
17.5037, 31.3411, 0.7256



42.3939, 75.5069, 4.8664

Previews

White Background



This preview shows how the HunterLab color 20.3071, -2.0302, -9.1196 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

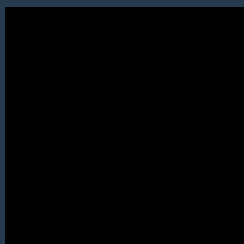
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

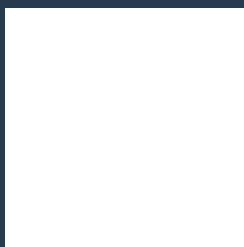
Any Text WCAG AAA × Fail

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

HunterLab 20.3071, -2.0302, -9.1196 Background



This preview shows how black text looks on a background with the HunterLab color 20.3071, -2.0302, -9.1196.



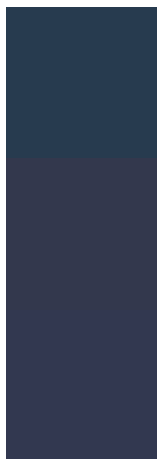
This preview shows how white text looks on a background with the HunterLab color 20.3071, -2.0302, -9.1196.

-9.1196.

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

20.3071, -2.0302, -9.1196

Protanopia

20.1692, 1.1572, -8.1912

Deuteranopia

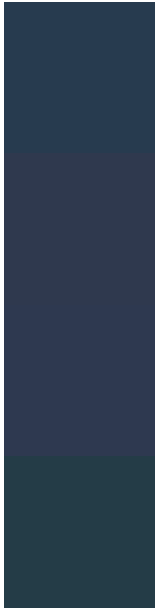
20.2130, 1.5189, -9.7800



Tritanopia

20.2192, -5.8509, -2.7576

Trichromacy



Original Color

20.3071, -2.0302, -9.1196

Protanomaly

20.2006, 0.0877, -8.7060

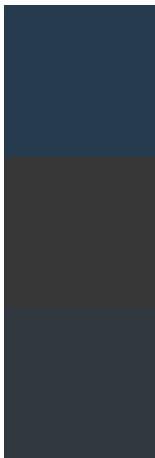
Deuteranomaly

20.2146, 0.2795, -9.7990

Tritanomaly

20.1537, -4.4403, -5.1964

Monochromacy



Original Color

20.3071, -2.0302, -9.1196

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.6252, -1.5440, -2.5880

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3071, -2.0302, -9.1196 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(39, 59, 79)` looks like.

```
.text, #text, p{  
    color:rgb(39, 59, 79)  
}
```

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(39, 59, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 59, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3071, -2.0302, -9.1196 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(39, 59, 79) }
```


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

```
.border{ border-color:rgb(39, 59, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 59, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 59, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 59, 79);  
box-shadow:4px 4px 4px 4px rgb(39, 59, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3071, -2.0302, -9.1196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 59, 79) }
```

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

```
.background{ background-color: rgb(39, 59,  
79) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor