

Converting Colors

HunterLab(20.5430, 3.2952,
-21.6794)

Have a look what the booklet for
HunterLab(20.5430, 3.2952,
-21.6794) contains.

HunterLab(20.5893, 3.1083, -21.2511)	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(20.5893, 3.1083,
-21.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	263963
RGB	38, 57, 99
RGB Percent	15%, 22%, 39%
CMY	0.8510, 0.7765, 0.6118
CMYK	0.62, 0.42, 0.00, 0.61
HSL	221°, 45%, 27%
HSV	221°, 62%, 39%
XYZ	4.5146, 4.2392, 12.3847
YIQ	56.1070, -24.8060, 9.0340

Conversions

Conversions Part 2

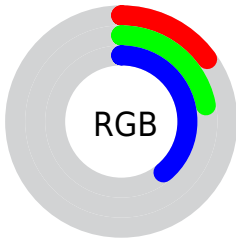
Format	Color
R_{YB}	38, 52, 99
Decimal	2505059
CIE _{Lab}	24.45, 6.74, -27.17
CIE _{LCh}	24, 27.990, 283.928
Yxy	4.2393, 0.2136, 0.2005
Android (android.graphics.Color)	4280695139 (0xFF263963)
YUV	56.1070, 21.1462, -15.8798
Hunter-Lab	20.5893, 3.1083, -21.2511

Details

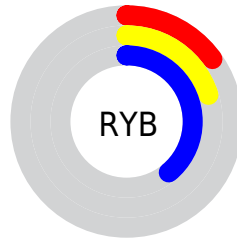
The HunterLab color **20.5893, 3.1083, -21.2511** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29.2068, 0.0080, 14.2742**, and the grayscale version is **19.8595, -1.0597, 1.0790**.

A 20% lighter version of the original color is **37.7180, 2.9702, -22.0630**, and **7.4967, 5.3783, -20.9805** is the 20% darker color. If you saturate the color by 10%, you get **18.5639, 4.8438, -26.1778**, and if you desaturate by 10%, it is **22.7445, 1.7104, -16.7267**.

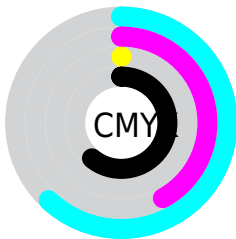
Distribution



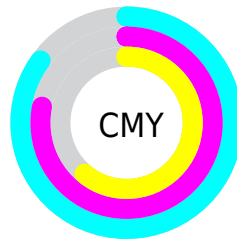
- Red (15%)
- Green (22%)
- Blue (39%)



- Red (15%)
- Yellow (20%)
- Blue (39%)



- Cyan (62%)
- Magenta (42%)
- Yellow (0%)
- Black (61%)



- Cyan (85%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5893, 3.1083, -21.2511 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 20.5893, 3.1083, -21.2511 by changing the saturation by 10% instead.

■ 20.5893, 3.1083,
-21.2511

■ 20.5893, 3.1083,
-21.2511

■ 119.2521, 0.9908,
-24.9111

■ 13.4474, 2.9788,
-20.9236

■ 37.6166, 3.0707,
-22.3228

■ 7.0168, 3.8091,
-23.0588

■ 47.3272, 2.9362,
-22.8519

0.0000, NaN, -NF

■ 57.7539, 2.7383,
-23.3350

0.0000, NaN, -NF

■ 68.8505, 2.4837,
-23.7634

0.0000, NaN, NaN

■ 80.5788, 2.1779,
-24.1346

0.0000, NaN, NaN

■ 92.9065, 1.8249,

0.0000, NaN, NaN

0.0000, NaN, NaN

-24.4486

0.0000, NaN, NaN

105.8057, 1.4283,
-24.7068

■ 20.5893, 3.1083,
-21.2511

■ 20.5893, 3.1083,
-21.2511

■ 18.5639, 4.8438,
-26.1778

■ 22.7445, 1.7104,
-16.7267

■ 16.6914, 6.9653,
-31.5239

■ 25.0092, 0.5977,
-12.5642

■ 14.9993, 9.4975,
-37.2525

■ 27.3683, -0.2767,
-8.7136

■ 13.6828, 11.7716,
-42.5138

■ 29.8096, -0.9528,
-5.1268

■ 32.3233, -1.4636,
-1.7608

■ 34.9017, -1.8361,
1.4210

■ 37.5382, -2.0920,
4.4496

■ 40.2277, -2.2489,
7.3506

■ 42.9657, -2.3212,
10.1451

Harmonies

Analogous

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



20.5896, -5.5535, -20.9521



20.5893, 3.1083, -21.2511



20.5896, 11.9206, -14.0590

Triad

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



20.5896, 3.1085, -21.2506



20.5896, 12.4725, 9.4193



20.5896, -14.9008, 5.0774

Complementary

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



20.5893, 3.1083, -21.2511



29.2068, 0.0080, 14.2742

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.



20.5896, -11.5200, 9.6366



20.5893, 3.1083, -21.2511



20.5896, 3.7681, 11.3311

Square

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



20.5896, 3.1085, -21.2506



20.5896, 17.9068, 4.6129



20.5896, -4.9949, 11.3892



20.5896, -15.0171, -3.1158

Rectangle

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



20.5893, 3.1083, -21.2511



20.5896, 16.2968, -7.2270



20.5896, -4.9949, 11.3892



20.5896, -14.1376, 6.9869

Sweetspot

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



20.5896, 3.1085, -21.2506



40.0540, -1.4766, -5.3198



31.4808, -17.1149, 4.9198



19.1976, -0.6464, -3.0472



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.



20.5896, 3.1085, -21.2506



23.1840, 7.5281, -37.3689



17.1607, 13.8741, -29.9671



16.2154, -0.7753, -0.4251



15.4050, 14.0041, -49.4857



33.5543, 37.9733, -123.9134

Inverse Universe

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



20.8195, 19.9584, 2.1544



24.4955, 31.8935, 4.4339



33.3610, -11.1948, 17.1015



16.1301, 0.5685, 0.7814



18.9180, 33.0373, 7.2655



43.5616, 75.7558, 19.1926

Previews

White Background



This preview shows how the HunterLab color 20.5893, 3.1083, -21.2511 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 20.5893, 3.1083, -21.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

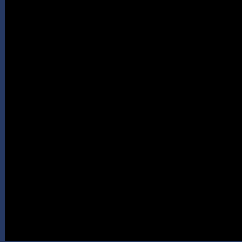
Any Text WCAG AA × Fail

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 20.5893, 3.1083, -21.2511 Background



This preview shows how black text looks on a background with the HunterLab color 20.5893, 3.1083, -21.2511.



This preview shows how white text looks on a background with the HunterLab color 20.5893, 3.1083, -21.2511.

-21.2511.

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

20.5893, 3.1083, -21.2511

Protanopia

20.6839, 3.4174, -21.0320

Deuteranopia

20.7123, 1.0076, -21.0102



Tritanopia

20.6848, -8.0583, -3.5334

Trichromacy



Original Color

20.5893, 3.1083, -21.2511

Protanomaly

20.6360, 3.2612, -21.1427

Deuteranomaly

20.5768, 1.8202, -21.3020

Tritanomaly

20.4048, -4.2542, -9.5537

Monochromacy



Original Color

20.5893, 3.1083, -21.2511

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.8726, -0.1910, -6.0495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5893, 3.1083, -21.2511 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(38, 57, 99)` looks like.

```
.text, #text, p{  
    color:rgb(38, 57, 99)  
}
```

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(38, 57, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 57, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5893, 3.1083, -21.2511 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(38, 57, 99) }
```


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

```
.border{ border-color:rgb(38, 57, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 57, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 57, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 57, 99);  
box-shadow:4px 4px 4px 4px rgb(38, 57, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5893, 3.1083, -21.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 57, 99) }
```

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

```
.background{ background-color: rgb(38, 57,  
99) }
```

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