

Converting Colors

HunterLab(31.0066, -1.9515,
-21.3355)

Have a look what the booklet for
HunterLab(31.0066, -1.9515,
-21.3355) contains.

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Color

**HunterLab(31.0710, -2.0865,
-21.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	345A82
RGB	52, 90, 130
RGB Percent	20%, 35%, 51%
CMY	0.7961, 0.6471, 0.4902
CMYK	0.60, 0.31, 0.00, 0.49
HSL	211°, 43%, 36%
HSV	211°, 60%, 51%
XYZ	9.1016, 9.6541, 22.5028
YIQ	83.1980, -35.4880, 4.3840

Conversions

Conversions Part 2

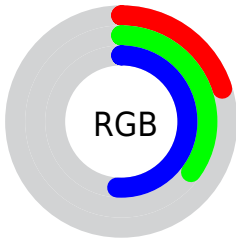
Format	Color
R_{YB}	52, 78, 130
Decimal	3431042
CIE _{Lab}	37.21, -0.62, -26.50
CIE _{LCh}	37, 26.504, 268.658
Yxy	9.6544, 0.2206, 0.2340
Android (android.graphics.Color)	4281621122 (0xFF345A82)
YUV	83.1980, 23.0734, -27.3606
Hunter-Lab	31.0710, -2.0865, -21.1903

Details

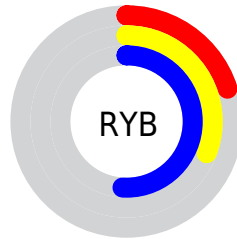
The HunterLab color **31.0710, -2.0865, -21.1903** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **35.5650, 6.2871, 16.6082**, and the grayscale version is **29.4117, -1.5693, 1.5980**.

A 20% lighter version of the original color is **50.1780, -3.3211, -22.0738**, and **15.6715, -0.2443, -19.0606** is the 20% darker color. If you saturate the color by 10%, you get **28.7766, -0.8282, -25.7956**, and if you desaturate by 10%, it is **33.5020, -2.9312, -16.7832**.

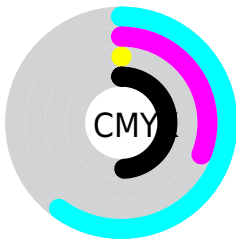
Distribution



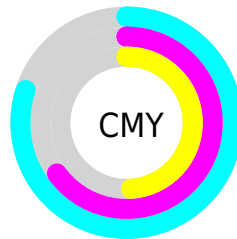
- Red (20%)
- Green (35%)
- Blue (51%)



- Red (20%)
- Yellow (31%)
- Blue (51%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (80%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0710, -2.0865, -21.1903 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 31.0710, -2.0865, -21.1903 by changing the saturation by 10% instead.

■ 31.0710, -2.0865,
-21.1903

■ 31.0710, -2.0865,
-21.1903

■ 137.1814, -8.0284,
-24.2117

■ 22.7386, -1.5989,
-20.6530

■ 50.1432, -3.1792,
-22.2335

■ 15.3219, -1.1550,
-20.2286

■ 60.7596, -3.7795,
-22.6855

■ 8.9372, -0.7800,
-20.3245

■ 72.0346, -4.4130,
-23.0805

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.9318, -5.0781,
-23.4173

0.0000, NaN, NaN

■ 96.4203, -5.7733,
-23.6969

0.0000, NaN, NaN

■ 109.4732, -6.4975,

0.0000, NaN, NaN

-23.9211

0.0000, NaN, NaN

123.0672, -7.2495,
-24.0919

■ 31.0710, -2.0865,
-21.1903

■ 31.0710, -2.0865,
-21.1903

■ 28.7766, -0.8282,
-25.7956

■ 33.5020, -2.9312,
-16.7832

■ 26.6321, 0.8875,
-30.5907

■ 36.0539, -3.4103,
-12.5737

■ 24.6530, 3.0917,
-35.5462

■ 38.7147, -3.5697,
-8.5499

■ 22.8119, 5.6620,
-40.7349

■ 41.4735, -3.4510,
-4.6964

■ 22.8114, 5.6628,
-40.7365

■ 44.3207, -3.0908,
-0.9962

■ 47.2480, -2.5208,
2.5681

■ 50.2485, -1.7678,
6.0126

■ 53.3161, -0.8546,
9.3526

■ 56.4454, 0.1995,
12.6014

Harmonies

Analogous

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



31.0715, -10.6049, -17.1200



31.0710, -2.0865, -21.1903



31.0715, 7.5989, -17.7562

Triad

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



31.0715, -2.0864, -21.1896



31.0715, 16.0567, 8.9265



31.0715, -15.7774, 9.4427

Complementary

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



31.0710, -2.0865, -21.1903



35.5650, 6.2871, 16.6082

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.



31.0715, -9.9468, 13.4053



31.0710, -2.0865, -21.1903



31.0715, 8.4283, 13.1764

Square

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



31.0715, -2.0864, -21.1896



31.0715, 18.8011, 1.2814



31.0715, -1.2304, 14.5343



31.0715, -17.8994, 2.0957

Rectangle

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



31.0710, -2.0865, -21.1903



31.0715, 13.2849, -12.1219



31.0715, -1.2304, 14.5343



31.0715, -14.2235, 11.1223

Sweetspot

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



31.0715, -2.0864, -21.1896



55.6305, -4.5239, -5.4391



41.7743, -24.8740, 11.2574



26.0264, -2.1920, -3.1786



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.0715, -2.0864, -21.1896



37.1296, -0.3444, -36.5174



21.9049, 16.0508, -43.3849



21.2851, -1.4546, -0.3171



22.3674, 5.4853, -39.7986

0.0000, NaN, NaN

Inverse Universe

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



28.1787, 28.4736, -2.4908



33.8299, 45.5001, -2.3303



45.7812, -10.6818, 23.8151



20.9200, 1.0035, 0.6029

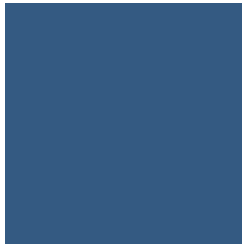


22.1350, 39.4837, 2.0795

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.0710, -2.0865, -21.1903 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 31.0710, -2.0865, -21.1903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

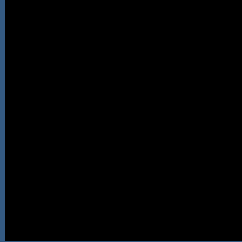
Any Text WCAG AA × Fail

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 31.0710, -2.0865, -21.1903 Background



This preview shows how black text looks on a background with the HunterLab color 31.0710, -2.0865, -21.1903.

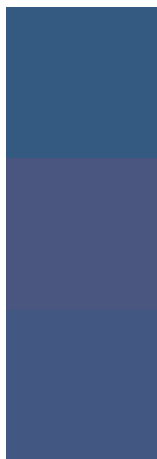


This preview shows how white text looks on a background with the HunterLab color 31.0710, -2.0865, -21.1903.

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

31.0710, -2.0865, -21.1903

Protanopia

31.0544, 3.0347, -19.1462

Deuteranopia

31.0618, 2.0715, -21.8102



Tritanopia

31.0078, -11.5755, -5.6318

Trichromacy



Original Color

31.0710, -2.0865, -21.1903

Protanomaly

30.8758, 1.1852, -20.1697

Deuteranomaly

31.0520, 0.6890, -21.8534

Tritanomaly

30.9135, -8.2880, -11.0598

Monochromacy



Original Color

31.0710, -2.0865, -21.1903

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.9222, -2.8474, -5.5017

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0710, -2.0865, -21.1903 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(52, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(52, 90, 130)  
}
```

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(52, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 90, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0710, -2.0865, -21.1903 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(52, 90, 130) }
```


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

```
.border{ border-color:rgb(52, 90, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(52, 90,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0710, -2.0865, -21.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 90, 130) }
```

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

```
.background{ background-color: rgb(52, 90,  
130) }
```

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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