

Converting Colors

HunterLab(31.8759, 4.6279,
-22.4784)

Have a look what the booklet for
HunterLab(31.8759, 4.6279,
-22.4784) contains.

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Color

**HunterLab(31.8047, 4.7973,
-22.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5786
RGB	77, 87, 134
RGB Percent	30%, 34%, 53%
CMY	0.6980, 0.6588, 0.4745
CMYK	0.43, 0.35, 0.00, 0.47
HSL	229°, 27%, 41%
HSV	229°, 43%, 53%
XYZ	10.7718, 10.1154, 23.9390
YIQ	89.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

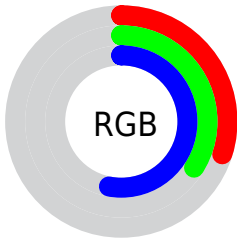
Format	Color
RYB	77, 86, 134
Decimal	5068678
CIELab	38.05, 9.00, -27.52
CIElCh	38, 28.955, 288.102
Yxy	10.1158, 0.2403, 0.2257
Android (android.graphics.Color)	4283258758 (0xFF4D5786)
YUV	89.3680, 22.0036, -10.8467
Hunter-Lab	31.8047, 4.7973, -22.3635

Details

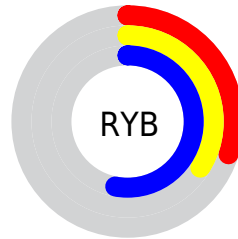
The HunterLab color $31.8047, 4.7973, -22.3635$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $44.7435, -4.9798, 18.1792$, and the grayscale version is $31.6700, -1.6898, 1.7207$.

A 20% lighter version of the original color is $51.0572, 4.4056, -23.0562$, and $15.9029, 4.4981, -21.3926$ is the 20% darker color. If you saturate the color by 10%, you get $28.2139, 7.3938, -29.8822$, and if you desaturate by 10%, it is $35.5809, 2.6060, -15.6130$.

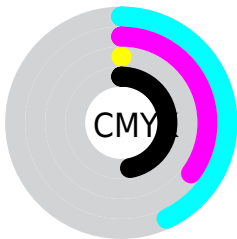
Distribution



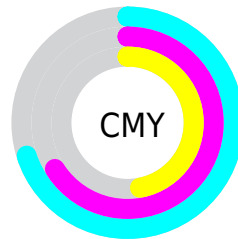
- Red (30%)
- Green (34%)
- Blue (53%)



- Red (30%)
- Yellow (34%)
- Blue (53%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8047, 4.7973, -22.3635 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 31.8047, 4.7973, -22.3635 by changing the saturation by 10% instead.

■ 31.8047, 4.7973,
-22.3635

■ 31.8047, 4.7973,
-22.3635

■ 138.3822, 2.9631,
-25.5794

■ 23.4004, 4.6654,
-21.8200

■ 51.0030, 4.8013,
-23.4375

■ 15.9029, 4.4228,
-21.4008

■ 61.6758, 4.6967,
-23.9101

■ 9.4399, 4.0382,
-21.4580

■ 73.0041, 4.5315,
-24.3273

0.0000, INF, -NF

0.0000, NaN, -NF

■ 84.9518, 4.3115,
-24.6874

0.0000, NaN, NaN

■ 97.4883, 4.0412,
-24.9910

0.0000, NaN, NaN

110.5872, 3.7244,

0.0000, NaN, NaN

-25.2395

0.0000, NaN, NaN

124.2254, 3.3641,
-25.4350

■ 31.8047, 4.7973,
-22.3635

■ 31.8047, 4.7973,
-22.3635

■ 28.2139, 7.3938,
-29.8822

■ 35.5809, 2.6060,
-15.6130

■ 24.8475, 10.4906,
-38.3239

■ 39.5109, 0.7382,
-9.4858

■ 21.7615, 14.1786,
-47.7927

■ 43.5730, -0.8722,
-3.8557

■ 19.0309, 18.4943,
-58.2168

■ 47.7503, -2.2768,
1.3785

■ 16.7501, 23.3124,
-69.1058

■ 52.0294, -3.5156,
6.2969

■ 15.3441, 26.8895,
-77.2255

■ 56.4002, -4.6198,
10.9626

■ 60.8540, -5.6134,
15.4249

■ 65.3841, -6.5155,
19.7231

■ 69.9848, -7.3413,
23.8880

Harmonies

Analogous

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



31.8053, -5.7415, -23.2683



31.8047, 4.7973, -22.3635



31.8053, 14.7053, -13.8858

Triad

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



31.8053, 4.7972, -22.3627



31.8053, 12.8835, 12.9366



31.8053, -19.0891, 5.4298

Complementary

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



31.8047, 4.7973, -22.3635



44.7435, -4.9798, 18.1792

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.



31.8053, -15.3320, 12.0440



31.8047, 4.7973, -22.3635



31.8053, 2.5566, 15.3424

Square

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



31.8053, 4.7972, -22.3627



31.8053, 19.7735, 7.1224



31.8053, -7.7119, 15.0795



31.8053, -18.6525, -4.8082

Rectangle

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



31.8047, 4.7973, -22.3635



31.8053, 19.2050, -6.2661



31.8053, -7.7119, 15.0795



31.8053, -18.2969, 8.0742

Sweetspot

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



31.8053, 4.7972, -22.3627



57.4271, -1.0075, -5.6588



44.8019, -17.8607, 2.2554



26.7595, -0.2917, -3.3522



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.8053, 4.7972, -22.3627



37.6418, 9.6594, -39.2286



30.7652, 13.9390, -24.2649



21.6033, -0.6594, -0.9732



14.8947, 25.8899, -74.5059



1.2369, 0.5522, -2.7382

Inverse Universe

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



33.2635, 18.0217, 4.7398



40.4363, 30.2876, 7.5897



46.1474, -14.7663, 19.1560



21.6820, 0.7786, 1.3657



21.9338, 37.8409, 12.0130



1.3204, 2.3355, 0.2777

Previews

White Background



This preview shows how the HunterLab color 31.8047, 4.7973, -22.3635 looks on a white background.

Color Contrast Check

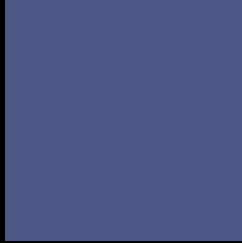
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 31.8047, 4.7973, -22.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

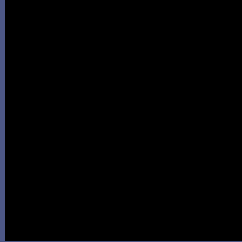
Any Text WCAG AA × Fail

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 31.8047, 4.7973, -22.3635 Background



This preview shows how black text looks on a background with the HunterLab color 31.8047, 4.7973, -22.3635.



This preview shows how white text looks on a background with the HunterLab color 31.8047, 4.7973, -22.3635.

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

31.8047, 4.7973, -22.3635

Protanopia

31.8515, 3.7228, -22.9756

Deuteranopia

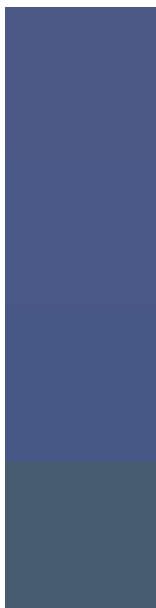
31.8295, 2.2272, -22.3604



Tritanopia

31.8966, -6.9331, -3.3525

Trichromacy



Original Color

31.8047, 4.7973, -22.3635

Protanomaly

31.9133, 3.9269, -22.8514

Deuteranomaly

31.7465, 3.2865, -22.5029

Tritanomaly

31.6449, -2.8057, -9.8205

Monochromacy



Original Color

31.8047, 4.7973, -22.3635

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.5130, 0.2826, -5.7217

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8047, 4.7973, -22.3635 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(77, 87, 134)` looks like.

```
.text, #text, p{  
    color:rgb(77, 87, 134)  
}
```

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(77, 87, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 87, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8047, 4.7973, -22.3635 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(77, 87, 134) }
```


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

```
.border{ border-color:rgb(77, 87, 134) }
```

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

Here you see how a box with a 4 pixel rgb(77, 87, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 87, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 87, 134);  
box-shadow:4px 4px 4px 4px rgb(77, 87,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8047, 4.7973, -22.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 87, 134) }
```

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

```
.background{ background-color: rgb(77, 87,  
134) }
```

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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