

Converting Colors

HunterLab(21.0874, 1.8604,
-13.0548)

Have a look what the booklet for
HunterLab(21.0874, 1.8604,
-13.0548) contains.

HunterLab(21.1789, 1.6394, -12.7672)	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(21.1789, 1.6394,
-12.7672)**

Conversions

Conversions Part 1

Format	Color
Hex	313B58
RGB	49, 59, 88
RGB Percent	19%, 23%, 35%
CMY	0.8078, 0.7686, 0.6549
CMYK	0.44, 0.33, 0.00, 0.65
HSL	225°, 28%, 27%
HSV	225°, 44%, 35%
XYZ	4.5920, 4.4855, 9.8563
YIQ	59.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

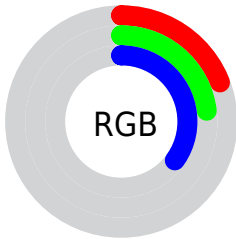
Format	Color
RYB	49, 57, 88
Decimal	3226456
CIELab	25.22, 4.45, -18.74
CIElCh	25, 19.261, 283.368
Yxy	4.4856, 0.2425, 0.2369
Android (android.graphics.Color)	4281416536 (0xFF313B58)
YUV	59.3160, 14.1412, -9.0471
Hunter-Lab	21.1789, 1.6394, -12.7672

Details

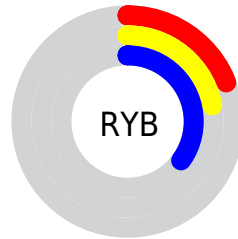
The HunterLab color **21.1789, 1.6394, -12.7672** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **27.8305, -1.8608, 10.9258**, and the grayscale version is **20.9786, -1.1194, 1.1398**.

A 20% lighter version of the original color is **38.3203, 1.2798, -13.5674**, and **7.6644, 1.8635, -12.1898** is the 20% darker color. If you saturate the color by 10%, you get **19.1227, 2.8735, -16.7921**, and if you desaturate by 10%, it is **23.3273, 0.6249, -9.0810**.

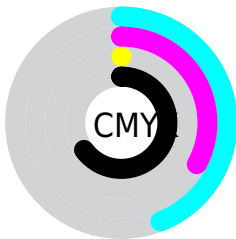
Distribution



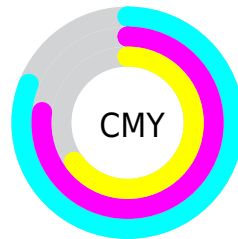
- Red (19%)
- Green (23%)
- Blue (35%)



- Red (19%)
- Yellow (22%)
- Blue (35%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (65%)



- Cyan (81%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1789, 1.6394, -12.7672 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 21.1789, 1.6394, -12.7672 by changing the saturation by 10% instead.

■ 21.1789, 1.6394,
-12.7672

■ 21.1789, 1.6394,
-12.7672

■ 120.3076, -1.5662,
-14.3936

■ 13.9598, 1.6848,
-12.3113

■ 38.3363, 1.3015,
-13.5744

■ 7.5990, 2.1478,
-12.6573

■ 48.1038, 1.0345,
-13.8800

0.0000, NaN, -NF

■ 58.5835, 0.7127,
-14.1173

0.0000, NaN, NaN

■ 69.7300, 0.3413,
-14.2891

0.0000, NaN, NaN

■ 81.5055, -0.0753,
-14.3991

0.0000, NaN, NaN

■ 93.8780, -0.5339,

0.0000, NaN, NaN

0.0000, NaN, NaN

-14.4509

0.0000, NaN, NaN

106.8201, -1.0316,
-14.4480

■ 21.1789, 1.6394,
-12.7672

■ 21.1789, 1.6394,
-12.7672

■ 19.1227, 2.8735,
-16.7921

■ 23.3273, 0.6249,
-9.0810

■ 17.1739, 4.3731,
-21.2150

■ 25.5539, -0.2089,
-5.6789

■ 15.3543, 6.1868,
-26.0818

■ 27.8491, -0.8941,
-2.5111

■ 13.6911, 8.3551,
-31.3995

■ 30.2050, -1.4566,
0.4639

■ 12.1993, 10.8380,
-37.1645

■ 32.6153, -1.9171,
3.2803

■ 11.4026, 12.2820,
-40.7655

■ 35.0749, -2.2921,
5.9662

■ 37.5794, -2.5949,
8.5444

■ 40.1254, -2.8363,
11.0332

■ 42.7099, -3.0250,
13.4480

Harmonies

Analogous

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



21.1793, -4.3736, -12.5059



21.1789, 1.6394, -12.7672



21.1793, 7.5066, -8.6263

Triad

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



21.1793, 1.6393, -12.7667



21.1793, 8.0521, 7.4545



21.1793, -11.2065, 4.0945

Complementary

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



21.1789, 1.6394, -12.7672



27.8305, -1.8608, 10.9258

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.



21.1793, -8.5740, 7.7471



21.1789, 1.6394, -12.7672



21.1793, 2.3188, 9.2784

Square

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



21.1793, 1.6393, -12.7667



21.1793, 11.4809, 3.5657



21.1793, -3.7663, 9.3677



21.1793, -11.3446, -1.5822

Rectangle

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



21.1789, 1.6394, -12.7672



21.1793, 10.3613, -4.4607



21.1793, -3.7663, 9.3677



21.1793, -10.5987, 5.5554

Sweetspot

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



21.1793, 1.6393, -12.7667



37.0994, -1.2543, -2.9624



28.5952, -11.8554, 2.6232



18.4352, -0.5680, -1.8050



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.1793, 1.6393, -12.7667



25.1709, 3.8788, -22.4498



19.5037, 8.0660, -15.9073



14.6108, -0.6117, -0.4193



13.6704, 16.0544, -51.7436



30.3690, 44.1979, -133.3691

Inverse Universe

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



21.4179, 11.7932, 1.9496



25.8770, 19.8602, 3.1958



29.7645, -8.5471, 12.4027



14.5852, 0.4480, 0.7886



17.9256, 31.1516, 8.0682



42.3344, 73.2734, 21.3523

Previews

White Background



This preview shows how the HunterLab color 21.1789, 1.6394, -12.7672 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 21.1789, 1.6394, -12.7672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

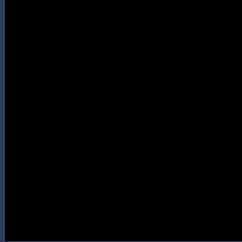
Any Text WCAG AA × Fail

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 21.1789, 1.6394, -12.7672 Background



This preview shows how black text looks on a background with the HunterLab color 21.1789, 1.6394, -12.7672.



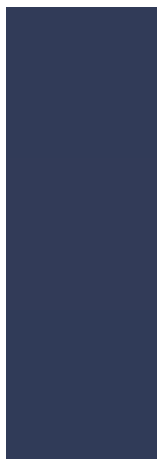
This preview shows how white text looks on a background with the HunterLab color 21.1789, 1.6394, -12.7672.

-12.7672.

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

21.1789, 1.6394, -12.7672

Protanopia

21.2382, 1.8375, -12.6550

Deuteranopia

21.1208, 1.4445, -12.8775



Tritanopia

21.1801, -4.8952, -2.3437

Trichromacy



Original Color

21.1789, 1.6394, -12.7672

Protanomaly

21.2382, 1.8375, -12.6550

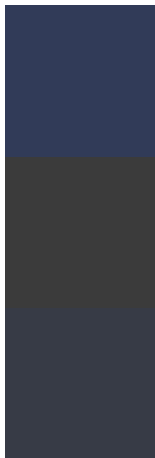
Deuteranomaly

21.1208, 1.4445, -12.8775

Tritanomaly

21.2394, -2.9236, -5.5455

Monochromacy



Original Color

21.1789, 1.6394, -12.7672

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9341, -0.4384, -3.5191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1789, 1.6394, -12.7672 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(49, 59, 88)` looks like.

```
.text, #text, p{  
    color:rgb(49, 59, 88)  
}
```

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(49, 59, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 59, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1789, 1.6394, -12.7672 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(49, 59, 88) }
```


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

```
.border{ border-color:rgb(49, 59, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 59, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 59, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 59, 88);  
box-shadow:4px 4px 4px 4px rgb(49, 59, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1789, 1.6394, -12.7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 59, 88) }
```

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

```
.background{ background-color: rgb(49, 59,  
88) }
```

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