

Converting Colors

HunterLab(33.4712, 22.6858,
-88.1442)

Have a look what the booklet for
HunterLab(33.4712, 22.6858,
-88.1442) contains.

HunterLab(33.4712, 22.6858, -88.1442)	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(33.4712, 22.6858,
-88.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	1554D3
RGB	21, 84, 211
RGB Percent	8%, 33%, 83%
CMY	0.9175, 0.6706, 0.1725
CMYK	0.90, 0.60, 0.00, 0.17
HSL	220°, 82%, 45%
HSV	220°, 90%, 83%
XYZ	15.2374, 11.2032, 62.9873
YIQ	79.6410, -78.3150, 26.1410

Conversions

Conversions Part 2

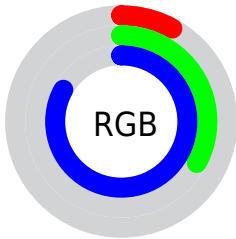
Format	Color
R _Y B	21, 68, 211
Decimal	1397971
CIE Lab	39.92, 30.58, -70.23
CIE LCh	40, 76.601, 293.532
Yxy	11.2035, 0.1704, 0.1253
Android (android.graphics.Color)	4279588051 (0xFF1554D3)
YUV	79.6410, 64.7600, -51.4282
Hunter-Lab	33.4712, 22.6858, -88.1442

Details

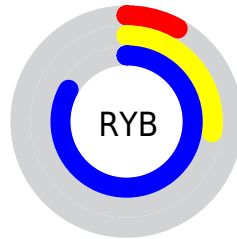
The HunterLab color **33.4712, 22.6858, -88.1442** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **59.2389, 9.6120, 35.9595**, and the grayscale version is **27.9903, -1.4935, 1.5208**.

A 20% lighter version of the original color is **52.0777, 20.2633, -75.2653**, and **19.8807, 25.4488, -79.7858** is the 20% darker color. If you saturate the color by 10%, you get **30.1265, 29.8992, -102.1993**, and if you desaturate by 10%, it is **37.3540, 16.3236, -74.5161**.

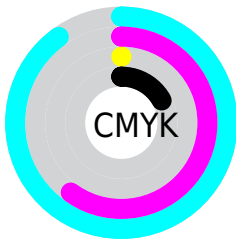
Distribution



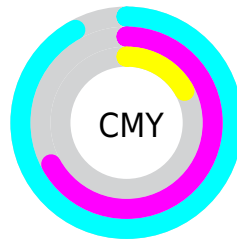
- Red (8%)
- Green (33%)
- Blue (83%)



- Red (8%)
- Yellow (27%)
- Blue (83%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (67%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4712, 22.6858, -88.1442 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 33.4712, 22.6858, -88.1442 by changing the saturation by 10% instead.

■ 33.4712, 22.6858,
-88.1442

■ 33.4712, 22.6858,
-88.1442

■ 141.0879, 29.1085,
-91.8699

■ 24.9075, 21.4410,
-90.6119

■ 52.9488, 24.7865,
-86.9348

■ 17.2320, 20.0522,
-96.0431

■ 63.7474, 25.6636,
-87.1932

■ 10.5631, 18.5493,
-108.5552

■ 75.1941, 26.4407,
-87.7287

0.0000, INF, -NF

■ 87.2542, 27.1273,
-88.4317

0.0000, NaN, -NF

■ 99.8979, 27.7312,
-89.2342

0.0000, NaN, -NF

113.0995, 28.2590,

0.0000, NaN, -NF

-90.0925

0.0000, NaN, NaN

126.8362, 28.7164,
-90.9776

■ 33.4712, 22.6858,
-88.1442

■ 33.4712, 22.6858,
-88.1442

■ 30.1265, 29.8992,
-102.1993

■ 37.3540, 16.3236,
-74.5161

■ 41.7163, 11.0341,
-61.6917

■ 46.4825, 6.7686,
-49.8483

■ 51.5874, 3.4029,
-38.9827

■ 56.9784, 0.7979,
-29.0047

■ 62.6138, -1.1753,
-19.7950

■ 68.4606, -2.6264,
-11.2338

■ 74.4926, -3.6453,
-3.2129

■ 80.6888, -4.3048,
4.3604

Harmonies

Analogous

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



33.4716, -7.6704, -100.3820



33.4712, 22.6858, -88.1442



33.4716, 53.8269, -45.5198

Triad

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



33.4716, 22.6877, -88.1433



33.4716, 36.8525, 22.5351



33.4716, -40.3844, 7.1195

Complementary

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



33.4712, 22.6858, -88.1442



59.2389, 9.6120, 35.9595

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.



33.4716, -35.1477, 20.2534



33.4712, 22.6858, -88.1442



33.4716, 4.5315, 23.4301

Square

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



33.4716, 22.6877, -88.1433



33.4716, 63.7174, 16.5520



33.4716, -20.7775, 23.4301



33.4716, -38.3674, -25.9540

Rectangle

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



33.4712, 22.6858, -88.1442



33.4716, 67.5622, -16.3124



33.4716, -20.7775, 23.4301



33.4716, -39.4917, 13.3802

Sweetspot

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



33.4716, 22.6877, -88.1433



79.5393, -2.0081, -21.5457



69.9116, -48.4960, 18.5835



35.6575, -0.6038, -11.7094

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.4716, 22.6877, -88.1433



36.9358, 38.1120, -128.4393



24.4727, 55.4840, -133.2558



34.7113, -1.7137, -1.2624



23.7614, 22.2689, -77.7718



6.7833, 2.5358, -13.9525

Inverse Universe

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



38.7639, 64.4726, 12.1863



46.8064, 81.5425, 19.5077



75.0114, -31.0901, 45.1155



34.4557, 1.7037, 1.5641



29.3960, 51.3057, 11.5208



7.0551, 12.5134, 1.2155

Previews

White Background



This preview shows how the HunterLab color 33.4712, 22.6858, -88.1442 looks on a white background.

Color Contrast Check

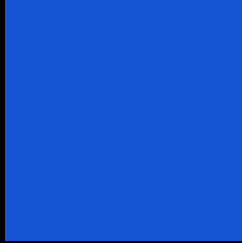
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4712, 22.6858, -88.1442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

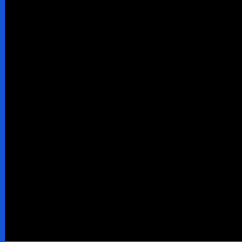
Any Text WCAG AA × Fail

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 33.4712, 22.6858, -88.1442 Background



This preview shows how black text looks on a background with the HunterLab color 33.4712, 22.6858, -88.1442.



This preview shows how white text looks on a background with the HunterLab color 33.4712, 22.6858, -88.1442.

-88.1442.

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

33.4712, 22.6858, -88.1442

Protanopia

33.2775, 11.8188, -67.1073

Deuteranopia

33.2356, 0.2912, -42.1703



Tritanopia

33.2061, -16.3708, -6.1649

Trichromacy



Original Color

33.4712, 22.6858, -88.1442

Protanomaly

33.3291, 15.4909, -74.2326

Deuteranomaly

33.2297, 7.7469, -57.3887

Tritanomaly

32.7225, -4.6714, -29.9338

Monochromacy



Original Color

33.4712, 22.6858, -88.1442

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.9364, 2.6732, -23.9670

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4712, 22.6858, -88.1442 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(21, 84, 211)` looks like.

```
.text, #text, p{  
    color:rgb(21, 84, 211)  
}
```

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(21, 84, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 84, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4712, 22.6858, -88.1442 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(21, 84, 211) }
```


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

```
.border{ border-color:rgb(21, 84, 211) }
```

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

Here you see how a box with a 4 pixel rgb(21, 84, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 84, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 84, 211);  
box-shadow:4px 4px 4px 4px rgb(21, 84,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4712, 22.6858, -88.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 84, 211) }
```

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

```
.background{ background-color: rgb(21, 84,  
211) }
```

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