

Converting Colors

HunterLab(20.2872, 12.8502,
-53.0971)

Have a look what the booklet for
HunterLab(20.2872, 12.8502,
-53.0971) contains.

HunterLab(20.2210, 13.0487, -53.4429)	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(20.2210, 13.0487,
-53.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	003386
RGB	0, 51, 134
RGB Percent	0%, 20%, 53%
CMY	0.9999, 0.8000, 0.4745
CMYK	1.00, 0.62, 0.00, 0.47
HSL	217°, 100%, 26%
HSV	217°, 100%, 53%
XYZ	5.4869, 4.0889, 23.0543
YIQ	45.2130, -57.0390, 15.0010

Conversions

Conversions Part 2

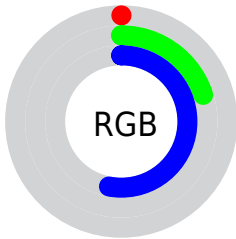
Format	Color
RYB	0, 37, 134
Decimal	13190
CIELab	23.96, 20.99, -50.30
CIELCh	24, 54.505, 292.647
Yxy	4.0890, 0.1682, 0.1253
Android (android.graphics.Color)	4278203270 (0xFF003386)
YUV	45.2130, 43.7720, -39.6518
Hunter-Lab	20.2210, 13.0487, -53.4429

Details

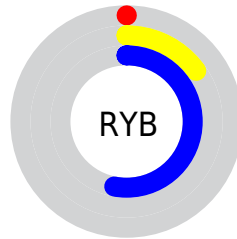
The HunterLab color **20.2210, 13.0487, -53.4429** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.5527, 10.0511, 20.8500**, and the grayscale version is **16.1449, -0.8615, 0.8772**.

A 20% lighter version of the original color is **37.2055, 14.4178, -52.6395**, and **9.0549, 16.8585, -47.7104** is the 20% darker color. If you saturate the color by 10%, you get **20.2185, 13.0548, -53.4529**, and if you desaturate by 10%, it is **22.2912, 9.4751, -46.0886**.

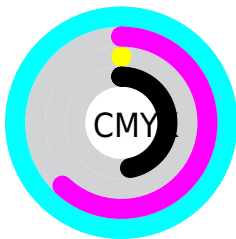
Distribution



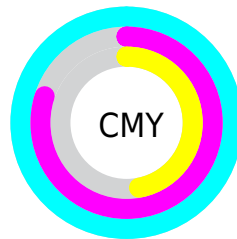
- Red (0%)
- Green (20%)
- Blue (53%)



- Red (0%)
- Yellow (15%)
- Blue (53%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2210, 13.0487, -53.4429 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 20.2210, 13.0487, -53.4429 by changing the saturation by 10% instead.

■ 20.2210, 13.0487,
-53.4429

■ 20.2210, 13.0487,
-53.4429

■ 118.5891, 17.1377,
-57.5446

■ 13.1281, 12.0172,
-55.9715

■ 37.1657, 14.6566,
-52.8024

■ 6.6240, 13.5353,
-69.4471

■ 46.8403, 15.2718,
-53.2479

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.2335, 15.7834,
-53.8779

0.0000, NaN, -NF

■ 68.2986, 16.2035,
-54.5950

0.0000, NaN, NaN

■ 79.9972, 16.5419,
-55.3454

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2965, 16.8062,

-56.0983

0.0000, NaN, NaN

105.1687, 17.0031,
-56.8351

■ 20.2210, 13.0487,
-53.4429

■ 20.2210, 13.0487,
-53.4429

■ 20.2185, 13.0548,
-53.4529

■ 22.2912, 9.4751,
-46.0886

■ 24.5724, 6.3474,
-39.1682

■ 27.0782, 3.7966,
-32.6328

■ 29.7782, 1.7784,
-26.5267

■ 32.6456, 0.2285,
-20.8425

■ 35.6579, -0.9201,
-15.5461

■ 38.7965, -1.7289,
-10.5924

■ 42.0461, -2.2510,
-5.9352

■ 45.3943, -2.5308,
-1.5311

Harmonies

Analogous

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



20.2212, -5.0813, -60.0330



20.2210, 13.0487, -53.4429



20.2212, 31.8649, -28.1594

Triad

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



20.2212, 13.0498, -53.4424



20.2212, 22.7146, 14.1548



20.2212, -24.3030, 4.6775

Complementary

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



20.2210, 13.0487, -53.4429



33.5527, 10.0511, 20.8500

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.



20.2212, -21.0021, 12.4643



20.2210, 13.0487, -53.4429



20.2212, 3.2587, 14.1548

Square

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



20.2212, 13.0498, -53.4424



20.2212, 38.6064, 9.7650



20.2212, -12.1542, 14.1548



20.2212, -23.2129, -14.8307

Rectangle

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



20.2210, 13.0487, -53.4429



20.2212, 40.3374, -10.4904



20.2212, -12.1542, 14.1548



20.2212, -23.7213, 8.3319

Sweetspot

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



20.2212, 13.0498, -53.4424



51.2116, -2.2353, -14.4898



42.0350, -30.7872, 13.9222



23.5947, -0.8969, -7.9736



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.



20.2212, 13.0498, -53.4424



26.3187, 18.5679, -72.9788



13.5231, 35.8790, -89.9257



21.9398, -1.2221, -0.5566



19.6226, 12.5202, -51.5542



1.6325, -0.1779, -1.6566

Inverse Universe

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



23.0386, 40.4873, 6.8451



30.5336, 53.5772, 9.7501



45.7469, -17.4444, 27.8830



21.7161, 0.9622, 0.8795



22.3062, 39.2126, 6.5645



1.3631, 2.4904, -0.3284

Previews

White Background



This preview shows how the HunterLab color 20.2210, 13.0487, -53.4429 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 20.2210, 13.0487, -53.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

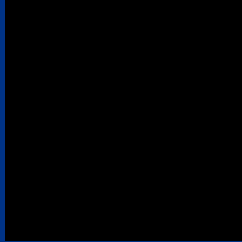
Any Text WCAG AA × Fail

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 20.2210, 13.0487, -53.4429 Background



This preview shows how black text looks on a background with the HunterLab color 20.2210, 13.0487, -53.4429.



This preview shows how white text looks on a background with the HunterLab color 20.2210, 13.0487, -53.4429.

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

20.2210, 13.0487, -53.4429

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.1681, -0.6623, -23.7786



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.2210, 13.0487, -53.4429

Protanomaly

20.2326, 8.3279, -43.2666

Deuteranomaly

20.0514, 4.0330, -33.7687

Tritanomaly

19.7500, -2.9683, -18.2782

Monochromacy



Original Color

20.2210, 13.0487, -53.4429

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8228, 0.9358, -14.3628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2210, 13.0487, -53.4429 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(0, 51, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 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(0, 51, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2210, 13.0487, -53.4429 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(0, 51, 134) }
```


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

```
.border{ border-color:rgb(0, 51, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 134)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2210, 13.0487, -53.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 134) }
```

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

```
.background{ background-color: rgb(0, 51,  
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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