

Converting Colors

HunterLab(20.2490, -2.2705,
-17.0439)

Have a look what the booklet for
HunterLab(20.2490, -2.2705,
-17.0439) contains.

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Color

**HunterLab(20.3066, -2.3202,
-17.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	113C5C
RGB	17, 60, 92
RGB Percent	7%, 24%, 36%
CMY	0.9333, 0.7647, 0.6392
CMYK	0.82, 0.35, 0.00, 0.64
HSL	206°, 69%, 21%
HSV	206°, 82%, 36%
XYZ	3.7788, 4.1236, 10.7220
YIQ	50.7910, -35.9000, 0.8360

Conversions

Conversions Part 2

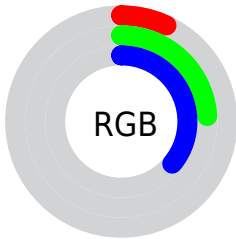
Format	Color
RYB	17, 44, 92
Decimal	1129564
CIELab	24.08, -2.09, -23.26
CIELCh	24, 23.354, 264.866
Yxy	4.1237, 0.2029, 0.2214
Android (android.graphics.Color)	4279319644 (0xFF113C5C)
YUV	50.7910, 20.3160, -29.6347
Hunter-Lab	20.3066, -2.3202, -17.0907

Details

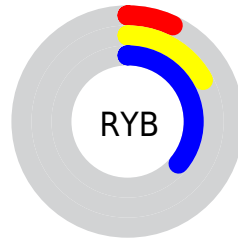
The HunterLab color **20.3066, -2.3202, -17.0907** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.2434, 9.9910, 11.7843**, and the grayscale version is **18.0679, -0.9641, 0.9817**.

A 20% lighter version of the original color is **37.2104, -3.6551, -17.9115**, and **7.9364, 2.0676, -14.3832** is the 20% darker color. If you saturate the color by 10%, you get **19.1278, -1.3035, -19.6215**, and if you desaturate by 10%, it is **21.5720, -3.0615, -14.5901**.

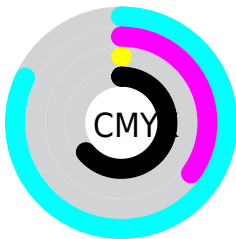
Distribution



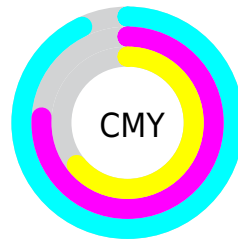
- Red (7%)
- Green (24%)
- Blue (36%)



- Red (7%)
- Yellow (17%)
- Blue (36%)



- Cyan (82%)
- Magenta (35%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3066, -2.3202, -17.0907 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 20.3066, -2.3202, -17.0907 by changing the saturation by 10% instead.

■ 20.3066, -2.3202,
-17.0907

■ 20.3066, -2.3202,
-17.0907

■ 118.7436, -8.5866,
-19.9468

■ 13.2023, -1.7710,
-16.6638

■ 37.2707, -3.5093,
-18.0929

■ 6.7177, -1.7144,
-18.5832

■ 46.9537, -4.1499,
-18.5371

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.3547, -4.8202,
-18.9217

0.0000, NaN, NaN

■ 68.4272, -5.5193,
-19.2443

0.0000, NaN, NaN

■ 80.1327, -6.2464,
-19.5058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4387, -7.0005,

-19.7083

0.0000, NaN, NaN

■ 105.3171, -7.7808,
-19.8544

■ 20.3066, -2.3202,
-17.0907

■ 20.3066, -2.3202,
-17.0907

■ 19.1278, -1.3035,
-19.6215

■ 21.5720, -3.0615,
-14.5901

■ 18.1541, -0.3718,
-21.8885

■ 22.9205, -3.5324,
-12.1300

■ 24.3468, -3.7521,
-9.7206

■ 25.8450, -3.7432,
-7.3680

■ 27.4093, -3.5288,
-5.0746

■ 29.0344, -3.1308,
-2.8404

■ 30.7153, -2.5699,
-0.6633

■ 32.4476, -1.8642,
1.4600

■ 34.2273, -1.0300,
3.5332

Harmonies

Analogous

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



20.3069, -8.5167, -13.0467



20.3066, -2.3202, -17.0907



20.3069, 5.1314, -15.0309

Triad

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



20.3069, -2.3200, -17.0903



20.3069, 13.2118, 5.9380



20.3069, -11.2951, 7.3635

Complementary

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



20.3066, -2.3202, -17.0907



21.2434, 9.9910, 11.7843

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.



20.3069, -6.6326, 9.8452



20.3066, -2.3202, -17.0907



20.3069, 7.5987, 9.2481

Square

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



20.3069, -2.3200, -17.0903



20.3069, 14.7906, -0.1205



20.3069, 0.1810, 10.3878



20.3069, -13.2119, 2.2592

Rectangle

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



20.3066, -2.3202, -17.0907



20.3069, 9.7428, -10.7527



20.3069, 0.1810, 10.3878



20.3069, -10.0318, 8.4498

Sweetspot

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



20.3069, -2.3200, -17.0903



37.7054, -4.3377, -4.7084



28.2649, -20.4313, 11.1357



18.6179, -2.2376, -2.7165



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



20.3069, -2.3200, -17.0903



23.9061, -0.1368, -29.2233



12.3081, 14.3479, -40.9397



15.7203, -1.2070, -0.0440



21.5826, -0.0112, -26.9522



48.7037, 3.1199, -67.6104

Inverse Universe

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



17.3281, 25.6093, -3.5017



21.1500, 37.6626, -2.4284



29.8858, -5.5769, 17.2654



15.3861, 0.6789, 0.3326



19.1048, 34.5881, -2.1543



44.5048, 80.2074, -2.1833

Previews

White Background



This preview shows how the HunterLab color 20.3066, -2.3202, -17.0907 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 20.3066, -2.3202, -17.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

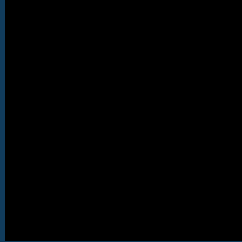
Any Text WCAG AA × Fail

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 20.3066, -2.3202, -17.0907 Background



This preview shows how black text looks on a background with the HunterLab color 20.3066, -2.3202, -17.0907.



This preview shows how white text looks on a background with the HunterLab color 20.3066, -2.3202, -17.0907.

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

20.3066, -2.3202, -17.0907

Protanopia

20.3235, 2.5874, -15.0035

Deuteranopia

20.4731, 0.9337, -17.3589



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.3066, -2.3202, -17.0907

Protanomaly

20.0543, 0.5235, -16.2309

Deuteranomaly

20.4437, -0.4458, -17.4443

Tritanomaly

20.3213, -7.5227, -8.0950

Monochromacy



Original Color

20.3066, -2.3202, -17.0907

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.6092, -2.4544, -4.9979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3066, -2.3202, -17.0907 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(17, 60, 92)` looks like.

```
.text, #text, p{  
    color:rgb(17, 60, 92)  
}
```

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(17, 60, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 60, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3066, -2.3202, -17.0907 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(17, 60, 92) }
```


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

```
.border{ border-color:rgb(17, 60, 92) }
```

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

Here you see how a box with a 4 pixel rgb(17, 60, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 60, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 60, 92);  
box-shadow:4px 4px 4px 4px rgb(17, 60, 92)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3066, -2.3202, -17.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 60, 92) }
```

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

```
.background{ background-color: rgb(17, 60,  
92) }
```

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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