

Converting Colors

HunterLab(20.1363, 11.7847,
-30.6824)

Have a look what the booklet for
HunterLab(20.1363, 11.7847,
-30.6824) contains.

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Color

**HunterLab(20.1308, 12.0232,
-30.8328)**

Conversions

Conversions Part 1

Format	Color
Hex	34316E
RGB	52, 49, 110
RGB Percent	20%, 19%, 43%
CMY	0.7961, 0.8078, 0.5686
CMYK	0.53, 0.55, 0.00, 0.57
HSL	243°, 38%, 31%
HSV	243°, 55%, 43%
XYZ	5.3290, 4.0525, 15.2532
YIQ	56.8510, -17.7930, 19.6070

Conversions

Conversions Part 2

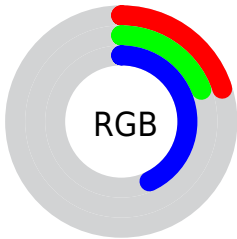
Format	Color
R_{YB}	52, 49, 110
Decimal	3420526
CIE _{Lab}	23.84, 19.63, -35.17
CIE _{LCh}	24, 40.280, 299.161
Yxy	4.0526, 0.2163, 0.1645
Android (android.graphics.Color)	4281610606 (0xFF34316E)
YUV	56.8510, 26.2025, -4.2543
Hunter-Lab	20.1308, 12.0232, -30.8328

Details

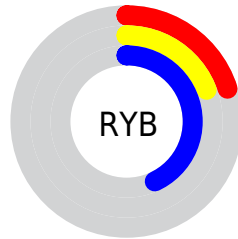
The HunterLab color **20.1308, 12.0232, -30.8328** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **38.0781, -9.4764, 18.7731**, and the grayscale version is **20.0947, -1.0722, 1.0918**.

A 20% lighter version of the original color is **36.9819, 13.5092, -31.7772**, and **6.5927, 13.1805, -36.6933** is the 20% darker color. If you saturate the color by 10%, you get **17.3053, 15.5537, -39.6061**, and if you desaturate by 10%, it is **23.2308, 8.8761, -23.1800**.

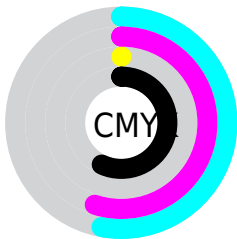
Distribution



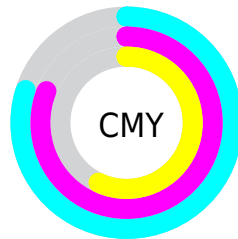
- Red (20%)
- Green (19%)
- Blue (43%)



- Red (20%)
- Yellow (19%)
- Blue (43%)



- Cyan (53%)
- Magenta (55%)
- Yellow (0%)
- Black (57%)



- Cyan (80%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1308, 12.0232, -30.8328 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 20.1308, 12.0232, -30.8328 by changing the saturation by 10% instead.

■ 20.1308, 12.0232,
-30.8328

■ 20.1308, 12.0232,
-30.8328

■ 118.4266, 15.5628,
-35.5486

■ 13.0501, 11.0620,
-31.0673

■ 37.0554, 13.4910,
-31.7355

■ 6.5240, 12.7798,
-36.7581

■ 46.7211, 14.0405,
-32.3583

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.1060, 14.4891,
-32.9855

0.0000, NaN, NaN

■ 68.1634, 14.8489,
-33.5876

0.0000, NaN, NaN

■ 79.8547, 15.1291,
-34.1502

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1470, 15.3376,

-34.6662

0.0000, NaN, NaN

105.0125, 15.4804,
-35.1326

■ 20.1308, 12.0232,
-30.8328

■ 20.1308, 12.0232,
-30.8328

■ 17.3053, 15.5537,
-39.6061

■ 23.2308, 8.8761,
-23.1800

■ 14.8402, 19.4248,
-49.4528

■ 26.5438, 6.0645,
-16.4887

■ 12.8522, 23.3582,
-59.7259

■ 30.0280, 3.5231,
-10.5629

■ 11.4016, 26.9524,
-69.2149

■ 33.6538, 1.1918,
-5.2313

■ 10.7737, 28.8995,
-74.0383

■ 37.3998, -0.9779,
-0.3579

■ 41.2501, -3.0235,
4.1618

■ 45.1927, -4.9736,
8.4068

■ 49.2181, -6.8501,
12.4373

■ 53.3188, -8.6694,
16.2990

Harmonies

Analogous

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



20.1311, -1.4257, -37.7811



20.1308, 12.0232, -30.8328



20.1311, 23.9919, -14.4978

Triad

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



20.1311, 12.0235, -30.8322



20.1311, 12.7839, 12.7479



20.1311, -19.9092, 1.4275

Complementary

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



20.1308, 12.0232, -30.8328



38.0781, -9.4764, 18.7731

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.



20.1311, -17.8324, 9.6450



20.1308, 12.0232, -30.8328



20.1311, -0.7223, 13.9196

Square

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



20.1311, 12.0235, -30.8322



20.1311, 24.5010, 9.3554



20.1311, -11.4976, 12.8693



20.1311, -18.0558, -13.5287

Rectangle

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



20.1308, 12.0232, -30.8328



20.1311, 28.3811, -3.6942



20.1311, -11.4976, 12.8693



20.1311, -19.6581, 4.9379

Sweetspot

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



20.1311, 12.0235, -30.8322



43.6242, 2.1780, -8.2915



35.3510, -14.1972, -3.2071



20.7183, 1.2547, -4.4642



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



20.1311, 12.0235, -30.8322



21.7846, 22.2806, -56.6965



22.5732, 18.6345, -24.5113



18.1868, -0.1111, -1.0343



11.7919, 31.6628, -81.2843



26.1083, 70.5147, -183.1527

Inverse Universe

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



25.6383, 26.0265, -15.9125



31.1486, 42.3862, -25.8983



36.0153, -17.2868, 17.1061



18.5762, 1.1968, -0.4019



22.7951, 44.3619, -26.5463



50.8392, 98.8816, -58.7601

Previews

White Background



This preview shows how the HunterLab color 20.1308, 12.0232, -30.8328 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 20.1308, 12.0232, -30.8328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

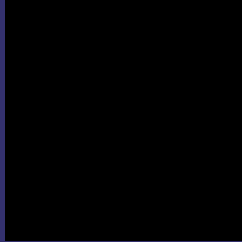
Any Text WCAG AA × Fail

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 20.1308, 12.0232, -30.8328 Background



This preview shows how black text looks on a background with the HunterLab color 20.1308, 12.0232, -30.8328.



This preview shows how white text looks on a background with the HunterLab color 20.1308, 12.0232, -30.8328.

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

20.1308, 12.0232, -30.8328

Protanopia

20.0800, 5.6954, -36.3145

Deuteranopia

19.9635, 0.0362, -25.0309



Tritanopia

20.2792, -5.6861, -2.2250

Trichromacy



Original Color

20.1308, 12.0232, -30.8328

Protanomaly

19.8577, 7.1711, -35.1701

Deuteranomaly

19.7250, 3.3491, -27.9587

Tritanomaly

20.0314, -0.2738, -10.7027

Monochromacy



Original Color

20.1308, 12.0232, -30.8328

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.9308, 2.7293, -8.0111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1308, 12.0232, -30.8328 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(52, 49, 110)` looks like.

```
.text, #text, p{  
    color:rgb(52, 49, 110)  
}
```

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(52, 49, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 49, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1308, 12.0232, -30.8328 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(52, 49, 110) }
```


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

```
.border{ border-color:rgb(52, 49, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 49, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 49, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 49, 110);  
box-shadow:4px 4px 4px 4px rgb(52, 49,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1308, 12.0232, -30.8328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 49, 110) }
```

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

```
.background{ background-color: rgb(52, 49,  
110) }
```

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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