

Converting Colors

HunterLab(20.1276, 9.6891,
-27.7468)

Have a look what the booklet for
HunterLab(20.1276, 9.6891,
-27.7468) contains.

HunterLab(20.1525, 9.4808, -27.5332)	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(20.1525, 9.4808,
-27.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	31336A
RGB	49, 51, 106
RGB Percent	19%, 20%, 42%
CMY	0.8078, 0.8000, 0.5843
CMYK	0.54, 0.52, 0.00, 0.58
HSL	238°, 37%, 30%
HSV	238°, 54%, 42%
XYZ	5.0520, 4.0612, 14.1533
YIQ	56.6720, -18.8470, 16.6810

Conversions

Conversions Part 2

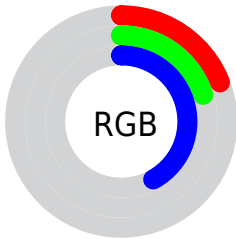
Format	Color
R_{YB}	49, 51, 106
Decimal	3224426
CIE _{Lab}	23.87, 16.13, -32.57
CIE _{LCh}	24, 36.341, 296.348
Yxy	4.0614, 0.2171, 0.1746
Android (android.graphics.Color)	4281414506 (0xFF31336A)
YUV	56.6720, 24.3187, -6.7283
Hunter-Lab	20.1525, 9.4808, -27.5332




Details

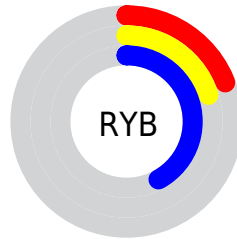
The HunterLab color **20.1525, 9.4808, -27.5332** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **36.3140, -7.2730, 17.5045**, and the grayscale version is **20.0401, -1.0693, 1.0888**.




A 20% lighter version of the original color is **37.0504, 10.8092, -28.7450**, and **6.6010, 10.8611, -31.6968** is the 20% darker color. If you saturate the color by 10%, you get **17.4085, 12.6094, -35.4931**, and if you desaturate by 10%, it is **23.1321, 6.7603, -20.5776**.

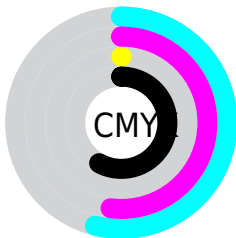
Distribution







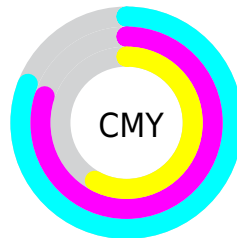
-  Red (19%)
-  Green (20%)
-  Blue (42%)






-  Red (19%)
-  Yellow (20%)
-  Blue (42%)



-  Cyan (54%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (81%)
-  Magenta (80%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1525, 9.4808, -27.5332 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 20.1525, 9.4808, -27.5332 by changing the saturation by 10% instead.

■ 20.1525, 9.4808,
-27.5332

■ 20.1525, 9.4808,
-27.5332

■ 118.4657, 11.5502,
-32.0070

■ 13.0689, 8.7210,
-27.5425

■ 37.0820, 10.5674,
-28.5360

■ 6.5483, 10.3830,
-32.1984

■ 46.7498, 10.9401,
-29.1421

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.1367, 11.2203,
-29.7332

0.0000, NaN, NaN

■ 68.1960, 11.4191,
-30.2875

0.0000, NaN, NaN

■ 79.8890, 11.5452,
-30.7950

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1831, 11.6055,

-31.2514

0.0000, NaN, NaN

105.0501, 11.6057,
-31.6553

■ 20.1525, 9.4808,
-27.5332

■ 20.1525, 9.4808,
-27.5332

■ 17.4085, 12.6094,
-35.4931

■ 23.1321, 6.7603,
-20.5776

■ 14.9701, 16.1700,
-44.4978

■ 26.2967, 4.3772,
-14.4634

■ 12.9351, 20.0334,
-54.1802

■ 29.6118, 2.2606,
-9.0158

■ 11.4113, 23.7296,
-63.4003

■ 33.0527, 0.3506,
-4.0868

■ 10.5890, 26.0033,
-69.3691

■ 36.6012, -1.3996,
0.4405

■ 40.2437, -3.0255,
4.6558

■ 43.9698, -4.5545,
8.6274

■ 47.7712, -6.0072,
12.4076

■ 51.6413, -7.3994,
16.0363

Harmonies

Analogous

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



20.1528, -2.4395, -32.2652



20.1525, 9.4808, -27.5332



20.1528, 20.3418, -14.0124

Triad

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



20.1528, 9.4810, -27.5326



20.1528, 12.4057, 11.8629



20.1528, -18.4749, 2.3675

Complementary

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



20.1525, 9.4808, -27.5332



36.3140, -7.2730, 17.5045

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.



20.1528, -16.1391, 9.5080



20.1525, 9.4808, -27.5332



20.1528, 0.3239, 13.1004

Square

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



20.1528, 9.4810, -27.5326



20.1528, 22.2745, 8.2735



20.1528, -9.8272, 12.3391



20.1528, -17.0619, -10.3761

Rectangle

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



20.1525, 9.4808, -27.5332



20.1528, 24.6267, -4.4056



20.1528, -9.8272, 12.3391



20.1528, -18.1184, 5.3844

Sweetspot

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



20.1528, 9.4810, -27.5326



42.5548, 1.1173, -7.1006



34.5593, -14.6311, -1.0434



20.2788, 0.7132, -3.8818



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



20.1528, 9.4810, -27.5326



22.0369, 18.0735, -50.4908



21.7240, 16.0034, -23.5489



17.4373, -0.2543, -0.9388



11.7502, 29.1606, -77.6363



26.0128, 68.0031, -179.3130

Inverse Universe

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



23.4522, 17.1074, 6.8325



27.8380, 28.8793, 10.9066



35.0010, -15.1159, 16.3802



17.6588, 0.4697, 1.3612



19.5237, 33.4810, 12.2580



44.0401, 75.4628, 28.1267

Previews

White Background



This preview shows how the HunterLab color 20.1525, 9.4808, -27.5332 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

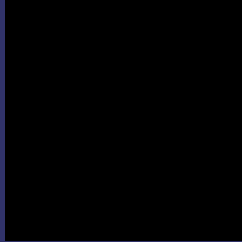
Any Text WCAG AA × Fail

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 20.1525, 9.4808, -27.5332 Background



This preview shows how black text looks on a background with the HunterLab color 20.1525, 9.4808, -27.5332.



This preview shows how white text looks on a background with the HunterLab color 20.1525, 9.4808,

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

20.1525, 9.4808, -27.5332

Protanopia

20.1305, 5.1824, -30.9534

Deuteranopia

19.9635, 0.0362, -25.0309



Tritanopia

20.2192, -5.8509, -2.7576

Trichromacy



Original Color

20.1525, 9.4808, -27.5332

Protanomaly

20.1638, 6.3792, -30.0054

Deuteranomaly

19.5965, 2.7224, -26.7006

Tritanomaly

19.9285, -0.6286, -10.8913

Monochromacy



Original Color

20.1525, 9.4808, -27.5332

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0615, 1.8843, -7.2782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1525, 9.4808, -27.5332 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, 51, 106)` looks like.

```
.text, #text, p{  
    color:rgb(49, 51, 106)  
}
```

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, 51, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 51, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1525, 9.4808, -27.5332 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, 51, 106) }
```


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

```
.border{ border-color:rgb(49, 51, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 51, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 51, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 51, 106);  
box-shadow:4px 4px 4px 4px rgb(49, 51,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1525, 9.4808, -27.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 51, 106) }
```

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

```
.background{ background-color: rgb(49, 51,  
106) }
```

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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