

Converting Colors

HunterLab(20.0639, 10.3260,
-27.7500)

Have a look what the booklet for
HunterLab(20.0639, 10.3260,
-27.7500) contains.

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Color

**HunterLab(20.0639, 10.3260,
-27.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	33326A
RGB	51, 50, 106
RGB Percent	20%, 20%, 42%
CMY	0.8000, 0.8039, 0.5843
CMYK	0.52, 0.53, 0.00, 0.58
HSL	241°, 36%, 31%
HSV	241°, 53%, 42%
XYZ	5.1073, 4.0256, 14.1435
YIQ	56.6830, -17.3800, 17.6280

Conversions

Conversions Part 2

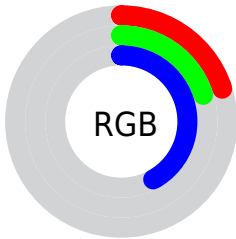
Format	Color
R_{YB}	51, 50, 106
Decimal	3355242
CIE _{Lab}	23.76, 17.32, -32.74
CIE _{LCh}	24, 37.041, 297.873
Yxy	4.0257, 0.2194, 0.1730
Android (android.graphics.Color)	4281545322 (0xFF33326A)
YUV	56.6830, 24.3133, -4.9840
Hunter-Lab	20.0639, 10.3260, -27.7500

Details

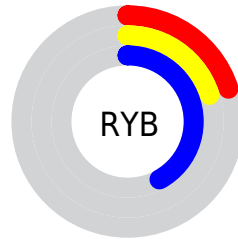
The HunterLab color **20.0639, 10.3260, -27.7500** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **36.7988, -8.3468, 17.6671**, and the grayscale version is **20.0435, -1.0695, 1.0890**.

A 20% lighter version of the original color is **36.9583, 11.7972, -28.9136**, and **6.4345, 11.4315, -32.7200** is the 20% darker color. If you saturate the color by 10%, you get **17.2661, 13.6032, -35.9463**, and if you desaturate by 10%, it is **23.1103, 7.4370, -20.6120**.

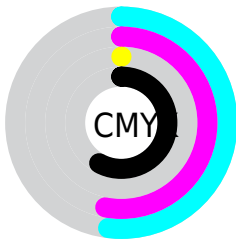
Distribution



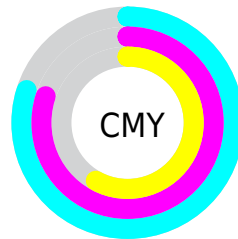
- Red (20%)
- Green (20%)
- Blue (42%)



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



- Cyan (52%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)













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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0639, 10.3260, -27.7500 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 20.0639, 10.3260, -27.7500 by changing the saturation by 10% instead.

 20.0639, 10.3260, -27.7500	 20.0639, 10.3260, -27.7500
118.3058, 12.9082, -32.2428	 12.9922, 9.4939, -27.7818
 36.9734, 11.5470, -28.7437	 6.4486, 11.3570, -32.7970
 46.6325, 11.9815, -29.3514	0.0000, NaN, -NF
 57.0113, 12.3205, -29.9455	0.0000, NaN, -NF
 68.0629, 12.5752, -30.5038	0.0000, NaN, NaN
 79.7487, 12.7549, -31.0158	0.0000, NaN, NaN
 92.0359, 12.8665,	0.0000, NaN, NaN

-31.4770

0.0000, NaN, NaN

104.8964, 12.9160,
-31.8860

■ 20.0639, 10.3260,
-27.7500

■ 20.0639, 10.3260,
-27.7500

■ 17.2661, 13.6032,
-35.9463

■ 23.1103, 7.4370,
-20.6120

■ 14.7931, 17.2708,
-45.2335

■ 26.3507, 4.8735,
-14.3584

■ 12.7518, 21.1475,
-55.1719

■ 29.7481, 2.5672,
-8.8013

■ 11.2517, 24.7484,
-64.4858

■ 33.2763, 0.4598,
-3.7826

■ 10.2608, 27.7133,
-71.9831

■ 36.9161, -1.4951,
0.8214

■ 40.6534, -3.3326,
5.1054

■ 44.4770, -5.0795,
9.1406

■ 48.3785, -6.7561,
12.9812

■ 52.3510, -8.3778,
16.6687

Harmonies

Analogous

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



20.0642, -1.8845, -33.2633



20.0639, 10.3260, -27.7500



20.0642, 21.2531, -13.5915

Triad

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



20.0642, 10.3262, -27.7494



20.0642, 12.0685, 12.0636



20.0642, -18.7088, 1.8561

Complementary

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



20.0639, 10.3260, -27.7500



36.7988, -8.3468, 17.6671

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.



20.0642, -16.5524, 9.3574



20.0639, 10.3260, -27.7500



20.0642, -0.2457, 13.2302

Square

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



20.0642, 10.3262, -27.7494



20.0642, 22.4076, 8.6379



20.0642, -10.3838, 12.3477



20.0642, -17.0939, -11.4138

Rectangle

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



20.0639, 10.3260, -27.7500



20.0642, 25.3920, -3.8391



20.0642, -10.3838, 12.3477



20.0642, -18.4136, 5.0217

Sweetspot

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



20.0642, 10.3262, -27.7494



42.3768, 1.5915, -7.3420



34.4028, -13.6360, -2.5398



20.1856, 0.9624, -4.0106



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.



20.0642, 10.3262, -27.7494



22.2102, 18.9126, -49.8669



22.3188, 16.6151, -22.1797



17.3997, -0.1556, -0.9856



11.4235, 30.8677, -80.2500



25.7072, 69.6210, -181.8087

Inverse Universe

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



25.2296, 24.0106, -15.4393



30.8589, 38.9391, -25.1620



34.8123, -15.8213, 16.0347



17.7848, 1.1476, -0.4330



22.4615, 43.9973, -28.3638



50.6881, 99.2657, -63.8403

Previews

White Background



This preview shows how the HunterLab color 20.0639, 10.3260, -27.7500 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 20.0639, 10.3260, -27.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

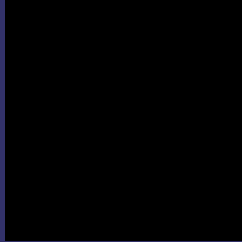
Any Text WCAG AA × Fail

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 20.0639, 10.3260, -27.7500 Background



This preview shows how black text looks on a background with the HunterLab color 20.0639, 10.3260, -27.7500.



This preview shows how white text looks on a background with the HunterLab color 20.0639, 10.3260, -27.7500.

-27.7500.

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

20.0639, 10.3260, -27.7500

Protanopia

20.1262, 5.2778, -31.8092

Deuteranopia

19.9635, 0.0362, -25.0309



Tritanopia

20.0635, -5.1351, -2.5055

Trichromacy



Original Color

20.0639, 10.3260, -27.7500

Protanomaly

19.9341, 6.8490, -30.6291

Deuteranomaly

19.6217, 2.8049, -26.6340

Tritanomaly

19.8018, 0.1277, -10.5200

Monochromacy



Original Color

20.0639, 10.3260, -27.7500

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.8961, 2.5459, -7.5321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0639, 10.3260, -27.7500 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(51, 50, 106)` looks like.

```
.text, #text, p{  
    color:rgb(51, 50, 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(51, 50, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 50, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0639, 10.3260, -27.7500 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(51, 50, 106) }
```


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

```
.border{ border-color:rgb(51, 50, 106) }
```

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

Here you see how a box with a 4 pixel rgb(51, 50, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 50, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 50, 106);  
box-shadow:4px 4px 4px 4px rgb(51, 50,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.0639, 10.3260, -27.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 50, 106) }
```

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

```
.background{ background-color: rgb(51, 50,  
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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